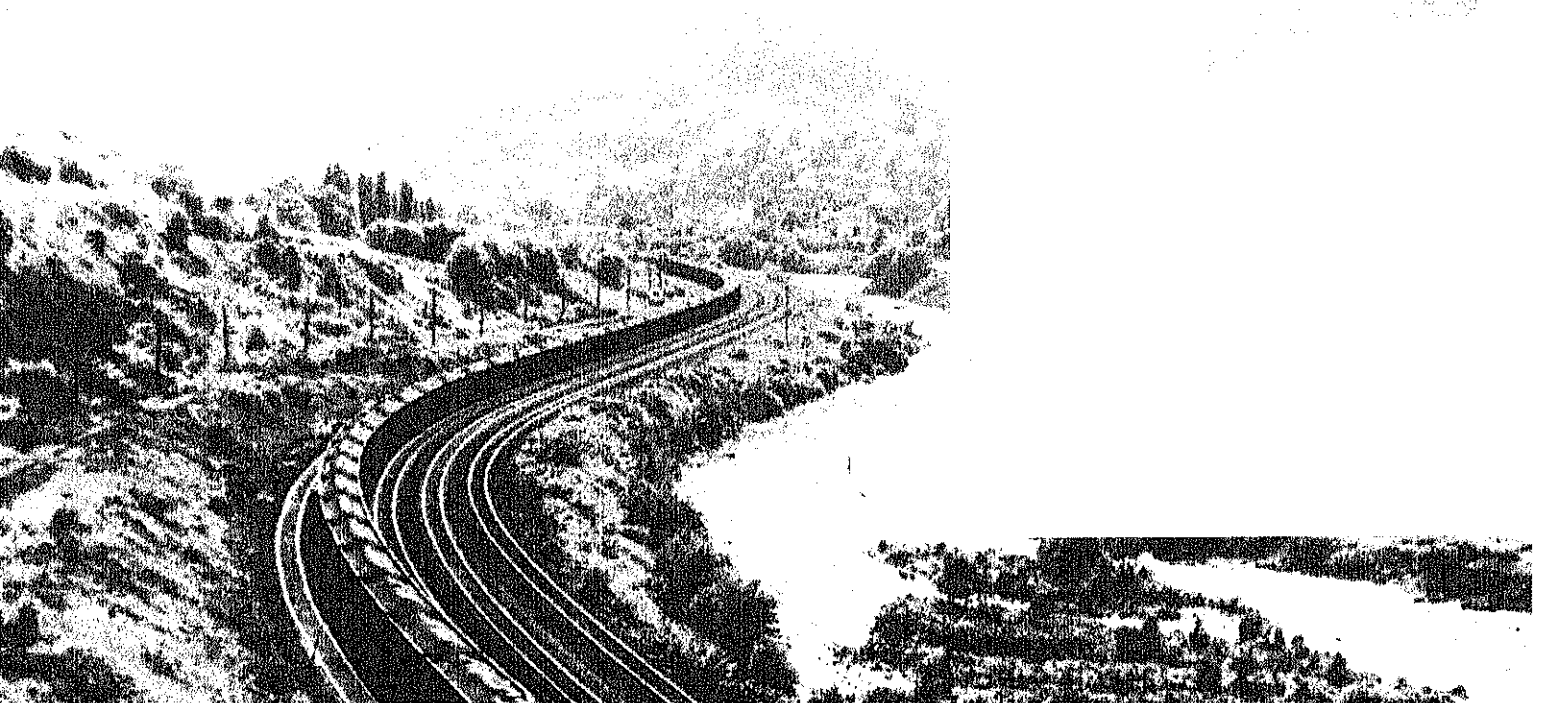


DOE/EIA-0218(91-10)

Weekly Coal Production

Production for Week Ended:
March 2, 1991

EIA
Energy
Information
Administration



Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 and 1989 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988 and 1 percent to 2 percent for 1989.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 and 1989 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988 and 0.09 percent to 0.14 percent for 1989.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1989*, and *Coal Data: A Reference*.

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Summary

U.S. coal production in the week ended March 2, 1991, as estimated by the Energy Information Administration, totaled 21 million short tons. This was about the same as in the previous week, and in the comparable week in 1990. Production east of the Mississippi River totaled 12 million short tons, and production west of the Mississippi River totaled 9 million short tons.

Coal production in February 1991 totaled 83 million short tons, 4 percent less than in January and about the same as in February 1990.

1990 Domestic Market Summary

In December 1990, electric utility plants consumed 68 million short tons of coal, compared with 72 million short tons a year earlier. Coal consumption at electric utilities in 1990 totaled 772 million short tons, setting

a new record that was 5 million short tons more than in 1989. Coal-fired electricity generation in December 1990 amounted to 136,576 gigawatthours (GWh), 7 percent less than in December 1989, primarily due to the unseasonably warm weather in most regions of the Nation. Total coal-fired electricity generation in 1990, which also set a record, was 1,557,498 GWh. In 1990, coal-fired generation represented 56 percent of total electricity generation, about the same as in 1989. The three States leading in coal-fired generation were Texas, Ohio, and Pennsylvania. Together they accounted for 22 percent of total coal-fired generation.

Coal stocks at electric utility plants amounted to 155 million short tons at the end of 1990. This was 20 million short tons more than stocks at the end of 1989, and the highest year-end level since 1987.

Coal receipts at electric utilities in November 1990 were down 4 million short tons from the previous month and about the same as a year earlier. For January through November 1990, coal receipts were 5 percent higher than in the comparable period in 1989, primarily to build up stocks.

Figure 1. Coal Production

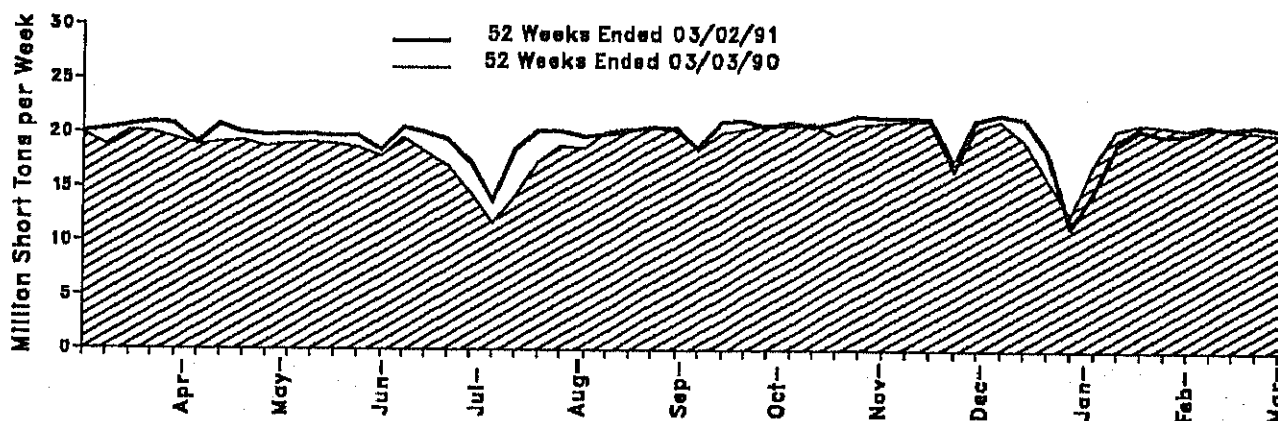


Table 1. Coal Production

| Production and Carloadings | Week Ended | | | 52 Weeks Ended | | |
|---|----------------|----------------|----------------|------------------|------------------|-------------------|
| | 03/02/91 | 02/23/91 | 03/03/90 | 03/02/91 | 03/03/90 | Percent Change |
| Production (Thousand Short Tons) | | | | | | |
| Bituminous ¹ and Lignite | 20,508 | 20,773 | 20,015 | 1,025,087 | 988,724 | 3.7 |
| Pennsylvania Anthracite | 54 | 57 | 57 | 3,067 | 3,214 | -4.6 |
| U.S. Total | 20,561 | 20,829 | 20,073 | 1,028,154 | 991,938 | 3.7 |
| Railroad Cars Loaded | 130,478 | 132,250 | 127,872 | 6,646,929 | 6,432,043 | |

¹ Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

**Table 2. Coal Production by State
(Thousand Short Tons)**

| Region and State | Week Ended | | |
|---|---------------|---------------|---------------|
| | 03/02/91 | 02/23/91 | 03/03/90 |
| Bituminous Coal¹ and Lignite | | | |
| East of the Mississippi | 11,986 | 11,895 | 12,317 |
| Alabama | 516 | 543 | 536 |
| Illinois | 1,243 | 1,323 | 1,224 |
| Indiana | 743 | 772 | 687 |
| Kentucky | 3,199 | 3,171 | 3,399 |
| Kentucky, Eastern | 2,455 | 2,342 | 2,483 |
| Kentucky, Western | 744 | 829 | 916 |
| Maryland | 60 | 57 | 71 |
| Ohio | 694 | 683 | 720 |
| Pennsylvania Bituminous | 1,297 | 1,277 | 1,439 |
| Tennessee | 136 | 132 | 123 |
| Virginia | 845 | 823 | 969 |
| West Virginia | 3,263 | 3,115 | 3,149 |
| West of the Mississippi | 8,512 | 8,878 | 7,698 |
| Alaska | 34 | 34 | 29 |
| Arizona | 236 | 239 | 241 |
| Arkansas | * | * | * |
| Colorado | 339 | 461 | 375 |
| Iowa | 7 | 7 | 7 |
| Kansas | 17 | 17 | 18 |
| Louisiana | 52 | 30 | 48 |
| Missouri | 45 | 45 | 53 |
| Montana | 785 | 802 | 730 |
| New Mexico | 521 | 442 | 536 |
| North Dakota | 648 | 661 | 587 |
| Oklahoma | 30 | 40 | 39 |
| Texas | 1,094 | 1,109 | 1,040 |
| Utah | 385 | 528 | 433 |
| Washington | 114 | 115 | 95 |
| Wyoming | 4,206 | 4,344 | 3,466 |
| Bituminous¹ and Lignite Total | 20,508 | 20,773 | 20,015 |
| Pennsylvania Anthracite | 54 | 57 | 57 |
| U.S. Total | 20,561 | 20,829 | 20,073 |

¹ Includes subbituminous coal.

* Less than 0.5 thousand short tons.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 3. Coal Production by State, February 1991
(Thousand Short Tons)

| Region and State | February 1991 | January 1991 | February 1990 | Year to Date | | |
|---|------------------|-----------------|------------------|--------------|---------|-------------------|
| | | | | 1991 | 1990 | Percent Change |
| Bituminous Coal ¹ and Lignite | | | | | | |
| East of the Mississippi | 47,004 | 49,538 | 51,367 | 96,543 | 107,338 | -10.1 |
| Alabama | 2,102 | 2,467 | 2,375 | 4,659 | 4,989 | -6.8 |
| Illinois | 5,114 | 5,335 | 5,179 | 10,449 | 10,976 | -4.8 |
| Indiana | 2,873 | 3,018 | 2,946 | 5,891 | 5,854 | .8 |
| Kentucky | 12,810 | 13,082 | 13,856 | 25,693 | 29,270 | -12.2 |
| Kentucky, Eastern | 9,405 | 9,886 | 10,250 | 19,292 | 21,479 | -10.2 |
| Kentucky, Western | 3,205 | 3,198 | 3,606 | 6,401 | 7,791 | -17.8 |
| Maryland | 227 | 235 | 290 | 462 | 623 | -25.8 |
| Ohio | 2,678 | 2,817 | 2,940 | 5,495 | 6,161 | -10.8 |
| Pennsylvania Bituminous | 4,884 | 5,029 | 5,985 | 9,913 | 12,030 | -17.6 |
| Tennessee | 541 | 599 | 530 | 1,140 | 1,101 | 3.5 |
| Virginia | 3,359 | 3,699 | 4,159 | 7,057 | 8,680 | -18.7 |
| West Virginia | 12,527 | 13,257 | 13,109 | 25,784 | 27,651 | -6.8 |
| West of the Mississippi | 35,378 | 36,085 | 30,429 | 71,463 | 64,784 | 10.3 |
| Alaska | 135 | 126 | 117 | 261 | 248 | 5.5 |
| Arizona | 948 | 890 | 988 | 1,838 | 2,068 | -11.1 |
| Arkansas | 1 | 2 | 1 | 3 | 3 | 0.1 |
| California | - | - | - | - | 13 | .0 |
| Colorado | 1,792 | 1,853 | 1,598 | 3,645 | 3,319 | 9.8 |
| Iowa | 29 | 32 | 30 | 61 | 63 | -2.8 |
| Kansas | 68 | 94 | 72 | 162 | 148 | 9.2 |
| Louisiana | 218 | 238 | 157 | 457 | 402 | 13.5 |
| Missouri | 180 | 239 | 218 | 419 | 459 | -8.6 |
| Montana | 3,238 | 3,265 | 2,843 | 6,501 | 6,077 | 7.0 |
| New Mexico | 1,908 | 2,202 | 1,874 | 4,108 | 3,731 | 10.1 |
| North Dakota | 2,668 | 2,690 | 2,206 | 5,356 | 4,938 | 8.5 |
| Oklahoma | 152 | 164 | 154 | 316 | 340 | -7.1 |
| Texas | 4,394 | 4,732 | 4,249 | 9,126 | 8,991 | 1.5 |
| Utah | 2,004 | 2,055 | 1,868 | 4,060 | 3,930 | 3.3 |
| Washington | 456 | 390 | 387 | 847 | 816 | 3.7 |
| Wyoming | 17,191 | 17,113 | 13,589 | 34,304 | 29,218 | 17.4 |
| Bituminous ¹ and Lignite Total | 82,382 | 85,624 | 81,796 | 168,006 | 172,100 | -2.4 |
| Pennsylvania Anthracite | 208 | 210 | 221 | 416 | 459 | -9.3 |
| U.S. Total | 82,588 | 85,834 | 82,017 | 168,422 | 172,558 | -2.4 |

¹ Includes subbituminous coal.

Note: 1990 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 4. Coal Statistics for Electric Utilities, 1981-1990

| Year and Month | Receipts | | | | Consumption (thousand short tons) | Generation | | Stocks (thousand short tons) |
|-----------------|--------------------------------------|---------------------|--------------------------------|--|---|------------------|----------------------|------------------------------------|
| | Quantity (thousand short tons) | Percent Contract | Price (cents per MM Btu) | Quality (lbs. sulfur per MM Btu) | | GWh ¹ | Percent ² | |
| 1981 | 579,374 | 86.9 | 153 | 1.43 | 596,797 | 1,203,203 | 52.4 | 168,893 |
| 1982 | 601,427 | 90.4 | 165 | 1.42 | 593,666 | 1,192,004 | 53.2 | 181,132 |
| 1983 | 592,728 | 88.3 | 166 | 1.39 | 625,211 | 1,259,424 | 54.5 | 155,598 |
| 1984 | 684,111 | 85.5 | 166 | 1.39 | 664,399 | 1,341,681 | 55.5 | 179,727 |
| 1985 | 666,743 | 88.9 | 165 | 1.32 | 693,841 | 1,402,128 | 56.8 | 156,376 |
| 1986 | 686,964 | 87.5 | 158 | 1.32 | 685,056 | 1,385,831 | 55.7 | 161,806 |
| 1987 | 721,298 | 84.8 | 151 | 1.31 | 717,894 | 1,463,781 | 56.9 | 170,797 |
| 1988 | | | | | | | | |
| January | 58,626 | 85.7 | 147 | 1.32 | 67,850 | 137,845 | 57.9 | 163,561 |
| February | 56,871 | 86.7 | 149 | 1.27 | 61,401 | 126,267 | 58.2 | 160,424 |
| March | 59,021 | 88.8 | 149 | 1.27 | 58,759 | 120,034 | 56.1 | 162,603 |
| April | 56,136 | 87.9 | 150 | 1.24 | 54,135 | 109,135 | 55.7 | 165,750 |
| May | 57,920 | 87.9 | 150 | 1.25 | 56,529 | 115,195 | 55.3 | 166,328 |
| June | 59,337 | 87.1 | 146 | 1.25 | 65,343 | 132,269 | 56.8 | 161,215 |
| July | 58,989 | 86.9 | 146 | 1.21 | 71,749 | 144,301 | 56.0 | 148,234 |
| August | 60,696 | 86.4 | 145 | 1.24 | 75,253 | 152,377 | 56.9 | 141,389 |
| September | 63,103 | 85.2 | 145 | 1.27 | 61,540 | 124,410 | 56.5 | 142,830 |
| October | 63,574 | 86.3 | 146 | 1.29 | 59,561 | 121,339 | 57.6 | 147,130 |
| November | 62,015 | 84.3 | 146 | 1.26 | 59,305 | 121,054 | 57.8 | 150,016 |
| December | 63,467 | 82.6 | 142 | 1.27 | 66,948 | 136,427 | 56.6 | 146,507 |
| Total | 727,775 | 86.3 | 147 | 1.26 | 758,372 | 1,640,653 | 57.0 | |
| 1989 | | | | | | | | |
| January | 62,443 | 82.0 | 143 | 1.28 | 66,767 | 135,181 | 58.1 | 142,538 |
| February | 56,634 | 82.9 | 145 | 1.29 | 62,784 | 127,187 | 57.9 | 137,363 |
| March | 63,218 | 83.4 | 144 | 1.28 | 62,005 | 126,725 | 55.9 | 139,036 |
| April | 62,076 | 82.2 | 144 | 1.27 | 56,144 | 115,451 | 55.5 | 144,674 |
| May | 64,798 | 84.0 | 145 | 1.30 | 58,527 | 119,108 | 54.1 | 151,067 |
| June | 61,272 | 83.9 | 145 | 1.26 | 63,635 | 128,615 | 54.6 | 148,981 |
| July | 55,429 | 83.2 | 144 | 1.22 | 69,720 | 138,638 | 53.9 | 134,865 |
| August | 70,147 | 82.9 | 145 | 1.29 | 70,493 | 141,901 | 54.9 | 133,948 |
| September | 64,539 | 81.1 | 146 | 1.27 | 62,910 | 126,898 | 55.9 | 135,640 |
| October | 66,578 | 80.7 | 145 | 1.29 | 60,561 | 122,393 | 55.7 | 142,280 |
| November | 65,570 | 80.7 | 144 | 1.28 | 61,006 | 124,338 | 56.7 | 147,207 |
| December | 60,515 | 81.9 | 143 | 1.27 | 72,336 | 147,227 | 56.8 | 135,860 |
| Total | 753,217 | 82.4 | 144 | 1.28 | 766,888 | 1,553,661 | 55.0 | |
| 1990 | | | | | | | | |
| January | 67,637 | 82.7 | 145 | 1.30 | 66,060 | 132,496 | 55.9 | 138,358 |
| February | 62,280 | 82.1 | 146 | 1.30 | 58,003 | 115,898 | 54.5 | 143,413 |
| March | 67,518 | 83.1 | 145 | 1.31 | 60,616 | 122,958 | 54.5 | 150,808 |
| April | 63,888 | 82.9 | 147 | 1.30 | 57,661 | 117,111 | 55.6 | 156,318 |
| May | 64,958 | 83.1 | 148 | 1.30 | 59,042 | 119,644 | 53.8 | 163,233 |
| June | 63,604 | 82.4 | 146 | 1.29 | 65,167 | 132,459 | 53.2 | 162,745 |
| July | 63,427 | 82.8 | 144 | 1.26 | 71,020 | 144,232 | 54.2 | 154,979 |
| August | 70,571 | 83.5 | 145 | 1.29 | 73,200 | 146,858 | 54.8 | 151,996 |
| September | 65,728 | 82.3 | 145 | 1.28 | 66,948 | 135,248 | 56.9 | 149,120 |
| October | 69,159 | 82.2 | 146 | 1.28 | 64,264 | 130,176 | 57.9 | 154,857 |
| November | 65,401 | 82.3 | 145 | 1.27 | 61,041 | 123,841 | 58.0 | 160,166 |
| December | NA | NA | NA | NA | 68,493 | 136,576 | 57.6 | 155,401 |
| Total | NA | NA | NA | NA | 771,515 | 1,557,498 | 55.5 | |

on as a percentage of total generation.

not equal sum of components because of independent rounding. MM Btu represents million Btu.
 ts: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."
 and Generation: Energy Information Administration, Form EIA-758, "Monthly Power Plant Report."

Table 5. Coal-Fired Net Generation, December 1990
(Gigawatthours)

| Census Division and State | December 1990 | December 1989 | Percent Change | Year to Date | | | | |
|------------------------------|------------------|------------------|-------------------|------------------|------------------|-------------------|-----------------------------|-------------|
| | | | | Coal Generation | | | Percent of Total Generation | |
| | | | | 1990 | 1989 | Percent Change | 1990 | 1989 |
| New England | 1,664 | 1,640 | 1.5 | 16,589 | 17,248 | -3.8 | 17.6 | 17.7 |
| Connecticut | 211 | 248 | -14.9 | 2,359 | 2,095 | 12.6 | 7.3 | 6.1 |
| Maine | - | - | - | - | - | - | - | - |
| Massachusetts | 1,111 | 1,194 | -7.0 | 11,271 | 12,088 | -6.8 | 30.9 | 30.9 |
| New Hampshire | 342 | 197 | 73.7 | 2,959 | 3,065 | -3.5 | 27.4 | 43.0 |
| Rhode Island | 0 | 0 | - | 0 | 0 | - | .0 | .0 |
| Vermont | - | - | - | - | - | - | - | - |
| Middle Atlantic | 11,268 | 13,455 | -16.3 | 133,670 | 139,530 | -4.2 | 40.4 | 42.7 |
| New Jersey | 524 | 684 | -23.3 | 7,058 | 8,392 | -15.9 | 19.3 | 20.4 |
| New York | 2,064 | 2,371 | -13.0 | 24,616 | 25,224 | -2.4 | 19.1 | 19.3 |
| Pennsylvania | 8,680 | 10,400 | -16.5 | 101,996 | 105,913 | -3.7 | 61.6 | 68.4 |
| East North Central | 31,467 | 33,340 | -5.6 | 362,333 | 355,688 | 1.9 | 74.6 | 73.7 |
| Illinois | 4,771 | 5,849 | -18.4 | 53,866 | 51,124 | 5.4 | 42.4 | 40.3 |
| Indiana | 8,023 | 8,510 | -5.7 | 96,013 | 87,330 | 9.9 | 98.2 | 98.6 |
| Michigan | 5,852 | 5,877 | -.4 | 65,296 | 67,618 | -3.4 | 73.3 | 73.9 |
| Ohio | 10,031 | 10,165 | -1.3 | 115,014 | 117,819 | -2.4 | 90.9 | 89.6 |
| Wisconsin | 2,789 | 2,937 | -5.0 | 32,144 | 31,796 | 1.1 | 70.6 | 71.7 |
| West North Central | 15,027 | 15,510 | -3.1 | 162,841 | 162,278 | .3 | 75.3 | 75.2 |
| Iowa | 2,372 | 2,187 | 8.5 | 24,880 | 24,041 | 3.5 | 85.7 | 85.6 |
| Kansas | 1,949 | 2,278 | -14.4 | 23,720 | 22,907 | 3.6 | 70.0 | 66.9 |
| Minnesota | 2,407 | 2,612 | -7.9 | 25,511 | 27,839 | -8.4 | 64.8 | 68.9 |
| Missouri | 4,617 | 4,395 | 5.0 | 48,502 | 49,748 | -2.5 | 82.2 | 83.8 |
| Nebraska | 1,072 | 1,313 | -18.4 | 12,658 | 11,582 | 9.3 | 58.5 | 54.9 |
| North Dakota | 2,338 | 2,488 | -6.0 | 25,097 | 23,774 | 5.6 | 93.5 | 92.5 |
| South Dakota | 274 | 238 | 15.1 | 2,473 | 2,387 | 3.6 | 38.5 | 34.2 |
| South Atlantic | 27,199 | 32,225 | -15.6 | 321,984 | 332,004 | -3.0 | 60.3 | 61.3 |
| Delaware | 409 | 565 | -27.6 | 4,904 | 5,066 | -3.2 | 69.1 | 59.9 |
| District of Columbia | - | - | - | - | - | - | - | - |
| Florida | 5,057 | 5,202 | -2.8 | 59,073 | 59,418 | -.6 | 47.8 | 47.8 |
| Georgia | 5,267 | 5,572 | -5.5 | 67,585 | 63,405 | 6.6 | 69.3 | 68.6 |
| Maryland | 1,910 | 2,101 | -8.1 | 23,299 | 23,827 | -1.4 | 74.0 | 86.1 |
| North Carolina | 3,570 | 5,379 | -33.6 | 46,631 | 50,524 | -7.7 | 58.4 | 58.0 |
| South Carolina | 1,832 | 2,248 | -18.5 | 22,875 | 23,800 | -3.9 | 33.0 | 35.5 |
| Virginia | 2,103 | 2,486 | -15.4 | 21,000 | 24,059 | -12.7 | 44.5 | 55.5 |
| West Virginia | 7,051 | 8,672 | -18.7 | 76,836 | 82,105 | -6.7 | 99.1 | 99.1 |
| East South Central | 15,106 | 16,911 | -10.7 | 183,436 | 173,875 | 5.5 | 74.3 | 71.4 |
| Alabama | 4,409 | 5,065 | -12.9 | 53,301 | 52,612 | 1.3 | 69.9 | 67.8 |
| Kentucky | 5,772 | 6,691 | -13.7 | 70,502 | 66,214 | 6.5 | 95.6 | 93.6 |
| Mississippi | 526 | 672 | -21.7 | 9,446 | 8,724 | 8.3 | 41.1 | 41.4 |
| Tennessee | 4,399 | 4,483 | -1.9 | 50,187 | 46,324 | 8.3 | 68.0 | 62.6 |
| West South Central | 16,710 | 16,361 | 2.1 | 180,680 | 179,374 | .7 | 48.3 | 49.2 |
| Arkansas | 1,997 | 2,055 | -2.8 | 19,161 | 18,604 | 3.0 | 51.7 | 55.7 |
| Louisiana | 1,679 | 1,201 | 39.8 | 17,521 | 18,081 | -3.1 | 30.5 | 33.3 |
| Oklahoma | 2,436 | 2,636 | -7.6 | 25,189 | 24,122 | 4.4 | 55.9 | 54.3 |
| Texas | 10,598 | 10,468 | 1.2 | 118,789 | 118,566 | .2 | 50.7 | 51.0 |
| Mountain | 16,965 | 16,911 | .3 | 187,226 | 184,405 | 1.5 | 75.7 | 78.3 |
| Arizona | 2,499 | 2,817 | -11.3 | 31,636 | 32,364 | -2.3 | 50.8 | 60.9 |
| Colorado | 2,745 | 2,710 | 1.3 | 29,603 | 29,406 | .7 | 94.5 | 91.0 |
| Idaho | - | - | - | - | - | - | - | - |
| Montana | 1,582 | 1,593 | -.7 | 14,903 | 16,129 | -7.6 | 57.9 | 62.5 |
| Nevada | 1,601 | 1,195 | 34.0 | 15,057 | 15,382 | -2.1 | 78.1 | 78.2 |
| New Mexico | 2,194 | 2,266 | -3.2 | 25,827 | 25,446 | 1.5 | 90.8 | 89.8 |
| Utah | 2,799 | 2,741 | 2.1 | 31,519 | 29,676 | 6.2 | 97.7 | 97.3 |
| Wyoming | 3,545 | 3,588 | -1.2 | 38,681 | 36,003 | 7.4 | 98.2 | 98.0 |
| Pacific | 1,170 | 875 | 33.7 | 8,760 | 9,261 | -5.4 | 3.2 | 3.3 |
| California | - | - | - | - | - | - | - | - |
| Oregon | 333 | 0 | - | 1,097 | 440 | 149.4 | 2.2 | 1.0 |
| Washington | 804 | 844 | -4.8 | 7,352 | 8,519 | -13.7 | 7.3 | 9.8 |
| Alaska | 33 | 31 | 7.5 | 312 | 302 | 3.3 | 6.9 | 6.9 |
| Hawaii | - | - | - | - | - | - | - | - |
| U.S. Total | 136,576 | 147,227 | -7.2 | 1,557,498 | 1,553,681 | .2 | 55.5 | 55.8 |

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 6. Coal Consumption at Electric Utility Plants, December 1990
(Thousand Short Tons)

| Census Division and State | December 1990 | November 1990 | December 1989 | Year to Date | | |
|------------------------------|------------------|------------------|------------------|----------------|----------------|-------------------|
| | | | | 1990 | 1989 | Percent Change |
| New England | 623 | 550 | 613 | 6,310 | 6,510 | -3.1 |
| Connecticut | 86 | 88 | 101 | 963 | 877 | 9.9 |
| Massachusetts | 404 | 351 | 434 | 4,201 | 4,474 | -6.1 |
| New Hampshire | 133 | 111 | 78 | 1,146 | 1,160 | -1.1 |
| Rhode Island | 0 | 0 | 0 | 0 | 0 | - |
| Middle Atlantic | 4,590 | 4,047 | 5,454 | 54,197 | 56,642 | -4.3 |
| New Jersey | 215 | 156 | 266 | 2,740 | 3,244 | -15.5 |
| New York | 839 | 758 | 973 | 9,993 | 10,158 | -1.6 |
| Pennsylvania | 3,536 | 3,136 | 4,215 | 41,465 | 43,241 | -4.1 |
| East North Central | 15,000 | 13,237 | 15,801 | 171,756 | 166,437 | 3.2 |
| Illinois | 2,449 | 1,936 | 2,993 | 27,396 | 25,758 | 6.4 |
| Indiana | 4,026 | 3,405 | 4,197 | 47,654 | 42,378 | 12.4 |
| Michigan | 2,657 | 2,363 | 2,606 | 29,726 | 29,972 | -0.8 |
| Ohio | 4,271 | 4,065 | 4,370 | 48,848 | 50,479 | -3.2 |
| Wisconsin | 1,597 | 1,469 | 1,638 | 18,133 | 17,851 | 1.6 |
| West North Central | 9,589 | 8,125 | 9,753 | 102,858 | 101,213 | 1.6 |
| Iowa | 1,460 | 1,077 | 1,360 | 15,333 | 14,598 | 5.0 |
| Kansas | 1,233 | 1,113 | 1,493 | 15,018 | 14,774 | 1.6 |
| Minnesota | 1,579 | 1,274 | 1,509 | 16,326 | 17,056 | -4.3 |
| Missouri | 2,337 | 2,021 | 2,184 | 24,231 | 24,663 | -1.8 |
| Nebraska | 686 | 569 | 826 | 8,027 | 7,303 | 9.9 |
| North Dakota | 2,032 | 1,867 | 2,154 | 21,579 | 20,538 | 5.1 |
| South Dakota | 261 | 204 | 226 | 2,345 | 2,281 | 2.8 |
| South Atlantic | 10,807 | 10,311 | 12,733 | 128,072 | 132,285 | -3.2 |
| Delaware | 174 | 183 | 235 | 2,056 | 2,128 | -3.4 |
| Florida | 2,051 | 1,648 | 2,085 | 24,022 | 24,292 | -1.1 |
| Georgia | 2,212 | 2,175 | 2,228 | 27,812 | 25,839 | 7.6 |
| Maryland | 741 | 758 | 812 | 8,945 | 9,074 | -1.4 |
| North Carolina | 1,393 | 1,542 | 2,095 | 18,005 | 19,516 | -7.7 |
| South Carolina | 705 | 672 | 906 | 9,131 | 9,472 | -3.6 |
| Virginia | 814 | 815 | 988 | 8,228 | 9,573 | -14.1 |
| West Virginia | 2,717 | 2,519 | 3,384 | 29,873 | 32,391 | -7.8 |
| East South Central | 6,424 | 6,223 | 7,179 | 77,585 | 73,042 | 5.1 |
| Alabama | 1,835 | 1,788 | 2,099 | 22,010 | 21,884 | .6 |
| Kentucky | 2,540 | 2,311 | 2,940 | 30,867 | 29,109 | 6.0 |
| Mississippi | 228 | 219 | 287 | 3,888 | 3,566 | 9.0 |
| Tennessee | 1,823 | 1,806 | 1,872 | 20,820 | 19,283 | 8.0 |
| West South Central | 11,541 | 9,810 | 11,158 | 123,871 | 124,171 | -.2 |
| Arkansas | 1,225 | 907 | 1,240 | 11,838 | 11,278 | 5.0 |
| Louisiana | 1,132 | 955 | 747 | 11,748 | 11,770 | -2 |
| Oklahoma | 1,459 | 1,280 | 1,556 | 14,866 | 14,423 | 3.1 |
| Texas | 7,725 | 6,668 | 7,615 | 85,420 | 88,701 | -1.5 |
| Mountain | 9,147 | 8,179 | 9,064 | 100,874 | 99,670 | 1.2 |
| Arizona | 1,245 | 1,033 | 1,385 | 15,758 | 16,182 | -2.6 |
| Colorado | 1,481 | 1,267 | 1,434 | 15,924 | 15,686 | 1.5 |
| Montana | 898 | 885 | 1,012 | 8,399 | 10,208 | -7.9 |
| Nevada | 768 | 771 | 589 | 7,839 | 7,487 | 2.0 |
| New Mexico | 1,275 | 1,093 | 1,284 | 15,065 | 15,250 | -1.2 |
| Utah | 1,215 | 1,090 | 1,206 | 13,563 | 12,949 | 4.7 |
| Wyoming | 2,165 | 2,040 | 2,174 | 23,526 | 21,908 | 7.4 |
| Pacific | 773 | 557 | 581 | 5,992 | 6,118 | -2.1 |
| Oregon | 216 | 172 | 0 | 850 | 306 | 178.0 |
| Washington | 529 | 373 | 552 | 4,852 | 5,514 | -12.0 |
| Alaska | 28 | 13 | 29 | 290 | 299 | -2.8 |
| U.S. Total | 68,493 | 61,041 | 72,336 | 771,515 | 766,888 | .6 |

Note: Total may not equal sum of components because of independent rounding.
Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 7. Coal Stocks at Electric Utility Plants, December 1990
(Thousand Short Tons)

| Census Division and State | December 31, 1990 | November 30, 1990 | December 31, 1989 | Percent Change December 31: 1990 versus 1989 |
|---------------------------------|-------------------|-------------------|-------------------|--|
| New England | 1,113 | 1,148 | 1,058 | 5.2 |
| Connecticut | 140 | 156 | 145 | -3.7 |
| Massachusetts | 597 | 626 | 642 | -6.9 |
| New Hampshire | 348 | 339 | 243 | 43.0 |
| Rhode Island | 28 | 28 | 28 | .0 |
| Middle Atlantic | 17,148 | 17,392 | 12,934 | 32.6 |
| New Jersey | 740 | 748 | 632 | 17.2 |
| New York | 2,045 | 1,907 | 1,233 | 65.9 |
| Pennsylvania | 14,363 | 14,737 | 11,089 | 29.8 |
| East North Central | 40,740 | 42,135 | 34,948 | 16.6 |
| Illinois | 7,398 | 7,676 | 8,204 | -9.8 |
| Indiana | 10,610 | 10,994 | 8,043 | 31.9 |
| Michigan | 9,093 | 9,552 | 8,185 | 11.1 |
| Ohio | 9,956 | 9,968 | 6,607 | 50.7 |
| Wisconsin | 3,683 | 3,945 | 3,909 | -5.8 |
| West North Central | 19,324 | 20,472 | 19,356 | -2 |
| Iowa | 4,206 | 4,667 | 4,044 | 4.0 |
| Kansas | 3,729 | 3,693 | 3,266 | 14.2 |
| Minnesota | 2,253 | 2,437 | 2,052 | 9.8 |
| Missouri | 4,434 | 4,813 | 4,275 | 3.7 |
| Nebraska | 1,589 | 1,682 | 1,685 | -5.7 |
| North Dakota | 2,828 | 2,885 | 3,731 | -24.2 |
| South Dakota | 288 | 295 | 303 | -5.6 |
| South Atlantic | 27,814 | 27,685 | 20,493 | 35.7 |
| Delaware | 421 | 409 | 259 | 62.5 |
| Florida | 4,822 | 4,911 | 4,383 | 10.0 |
| Georgia | 5,473 | 5,491 | 5,040 | 8.6 |
| Maryland | 2,114 | 2,030 | 1,046 | 102.1 |
| North Carolina | 4,419 | 4,322 | 2,795 | 58.1 |
| South Carolina | 2,052 | 2,005 | 1,873 | 9.6 |
| Virginia | 1,639 | 1,515 | 1,368 | 19.8 |
| West Virginia | 6,874 | 7,002 | 3,729 | 84.3 |
| East South Central | 15,876 | 15,944 | 11,651 | 36.3 |
| Alabama | 3,869 | 3,981 | 3,721 | 4.0 |
| Kentucky | 7,612 | 7,632 | 4,299 | 77.0 |
| Mississippi | 799 | 743 | 754 | 5.8 |
| Tennessee | 3,598 | 3,588 | 2,875 | 25.1 |
| West South Central | 14,565 | 15,574 | 16,917 | -13.8 |
| Arkansas | 1,722 | 1,469 | 2,134 | -19.3 |
| Louisiana | 2,458 | 2,578 | 2,627 | -6.4 |
| Oklahoma | 2,633 | 2,864 | 2,826 | -6.8 |
| Texas | 7,751 | 8,663 | 9,329 | -16.9 |
| Mountain | 16,828 | 17,788 | 17,035 | -1.2 |
| Arizona | 3,090 | 3,194 | 3,367 | -8.2 |
| Colorado | 3,298 | 3,617 | 3,921 | -15.9 |
| Montana | 767 | 947 | 813 | -5.6 |
| Nevada | 1,222 | 1,298 | 993 | 23.1 |
| New Mexico | 1,538 | 1,480 | 1,403 | 9.7 |
| Utah | 3,697 | 3,927 | 3,202 | 15.5 |
| Wyoming | 3,215 | 3,325 | 3,337 | -3.7 |
| Pacific | 1,993 | 2,029 | 1,469 | 35.7 |
| Oregon | 675 | 542 | 480 | 40.6 |
| Washington | 1,316 | 1,470 | 886 | 33.4 |
| Alaska | 2 | 16 | 3 | -11.8 |
| U.S. Total | 155,401 | 160,166 | 135,880 | 14.4 |

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 8. Coal Receipts at Electric Utility Plants, November 1990
(Thousand Short Tons)

| Census Division and State | November 1990 | October 1990 | November 1989 | Year to Date | | |
|------------------------------|------------------|-----------------|------------------|----------------|----------------|-------------------|
| | | | | 1990 | 1989 | Percent Change |
| New England | 488 | 512 | 552 | 5,760 | 5,782 | -0.4 |
| Connecticut | 64 | 64 | 109 | 878 | 816 | 7.6 |
| Massachusetts | 305 | 339 | 329 | 3,754 | 3,982 | -5.7 |
| New Hampshire | 118 | 109 | 114 | 1,127 | 983 | 14.6 |
| Middle Atlantic | 4,287 | 4,982 | 4,984 | 53,888 | 51,488 | 4.7 |
| New Jersey | 202 | 196 | 296 | 2,627 | 3,077 | -14.6 |
| New York | 831 | 948 | 918 | 9,614 | 9,112 | 5.5 |
| Pennsylvania | 3,234 | 3,839 | 3,771 | 41,647 | 39,297 | 6.0 |
| East North Central | 14,997 | 15,812 | 14,627 | 161,134 | 148,464 | 8.5 |
| Illinois | 2,209 | 2,411 | 2,258 | 24,316 | 22,992 | 5.8 |
| Indiana | 3,995 | 4,238 | 4,101 | 45,542 | 36,868 | 23.5 |
| Michigan | 2,712 | 3,298 | 2,815 | 27,403 | 26,971 | 1.6 |
| Ohio | 4,490 | 4,290 | 4,067 | 47,377 | 45,316 | 4.5 |
| Wisconsin | 1,592 | 1,575 | 1,387 | 16,495 | 16,317 | 1.1 |
| West North Central | 9,036 | 8,796 | 8,940 | 94,829 | 92,914 | 2.2 |
| Iowa | 1,442 | 1,555 | 1,285 | 14,623 | 13,447 | 8.8 |
| Kansas | 1,338 | 1,413 | 1,291 | 14,475 | 13,681 | 5.8 |
| Minnesota | 1,457 | 1,521 | 1,451 | 15,215 | 14,824 | 2.6 |
| Missouri | 2,261 | 2,099 | 2,219 | 22,417 | 23,112 | -3.0 |
| Nebraska | 578 | 504 | 649 | 7,393 | 6,720 | 10.0 |
| North Dakota | 1,757 | 1,591 | 1,855 | 18,953 | 19,280 | -1.7 |
| South Dakota | 205 | 114 | 101 | 1,852 | 1,850 | .1 |
| South Atlantic | 11,055 | 12,010 | 11,295 | 124,185 | 118,796 | 4.5 |
| Delaware | 234 | 203 | 235 | 2,031 | 1,770 | 14.8 |
| Florida | 2,041 | 1,983 | 1,992 | 22,429 | 21,487 | 4.4 |
| Georgia | 2,315 | 2,450 | 2,303 | 25,751 | 23,598 | 9.1 |
| Maryland | 779 | 784 | 629 | 9,209 | 7,876 | 16.9 |
| North Carolina | 1,593 | 2,014 | 1,614 | 18,134 | 17,080 | 6.2 |
| South Carolina | 760 | 842 | 794 | 8,627 | 9,158 | -5.8 |
| Virginia | 813 | 856 | 888 | 7,551 | 9,108 | -17.1 |
| West Virginia | 2,519 | 2,877 | 2,842 | 30,453 | 28,720 | 6.0 |
| East South Central | 6,868 | 7,269 | 6,421 | 76,605 | 68,054 | 12.6 |
| Alabama | 1,906 | 2,093 | 1,947 | 20,547 | 19,658 | 4.5 |
| Kentucky | 2,690 | 2,888 | 2,625 | 32,655 | 28,293 | 15.4 |
| Mississippi | 308 | 361 | 259 | 3,638 | 3,229 | 12.7 |
| Tennessee | 1,965 | 1,928 | 1,590 | 19,765 | 16,874 | 17.1 |
| West South Central | 10,025 | 10,131 | 9,832 | 110,564 | 112,058 | -1.3 |
| Arkansas | 1,184 | 933 | 890 | 9,984 | 10,594 | -5.8 |
| Louisiana | 1,144 | 1,111 | 953 | 10,577 | 10,814 | -2.2 |
| Oklahoma | 1,248 | 1,083 | 1,221 | 13,242 | 13,354 | -.8 |
| Texas | 6,449 | 7,005 | 6,788 | 76,760 | 77,295 | -.7 |
| Mountain | 8,103 | 9,052 | 8,447 | 91,615 | 90,028 | 1.8 |
| Arizona | 1,291 | 1,512 | 1,239 | 14,339 | 14,052 | 2.0 |
| Colorado | 1,213 | 1,282 | 1,234 | 14,058 | 14,351 | -2.0 |
| Montana | 846 | 962 | 933 | 8,558 | 9,257 | -7.6 |
| Nevada | 605 | 560 | 486 | 6,786 | 6,430 | 5.5 |
| New Mexico | 1,086 | 1,350 | 1,278 | 13,930 | 13,881 | .4 |
| Utah | 824 | 1,356 | 1,163 | 13,004 | 12,385 | 5.0 |
| Wyoming | 2,058 | 2,052 | 2,114 | 20,942 | 19,671 | 6.5 |
| Pacific | 562 | 594 | 472 | 5,493 | 5,122 | 7.2 |
| Oregon | 192 | 224 | - | 819 | - | - |
| Washington | 370 | 370 | 472 | 4,674 | 5,122 | -8.7 |
| U.S. Total | 65,401 | 69,159 | 65,570 | 724,172 | 692,701 | 4.5 |

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 9. Quality and Price of Coal Receipts at Electric Utility Plants,
November 1990**

| Census Division and State | November 1990 | | November 1989 | | Year to Date | | | | | |
|------------------------------|---------------------------------|---------------------|---------------------------------|---------------------|---------------------------------|------------------------|---------------------------------|------------------------|---------------------------------|------------------------|
| | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu | 1990 | | 1989 | | Percent Change | |
| | | | | | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu |
| New England | 0.87 | 185 | 0.98 | 175 | 0.98 | 180 | 0.97 | 170 | -0.3 | 6.2 |
| Connecticut | .39 | 226 | .41 | 211 | .41 | 213 | .40 | 214 | 1.5 | -.3 |
| Massachusetts | .85 | 179 | 1.02 | 161 | .95 | 173 | .95 | 160 | .6 | 8.4 |
| New Hampshire | 1.17 | 178 | 1.38 | 179 | 1.43 | 178 | 1.51 | 172 | -5.5 | 3.1 |
| Mid Atlantic | 1.70 | 157 | 1.56 | 150 | 1.66 | 155 | 1.57 | 149 | 5.8 | 4.3 |
| New Jersey | .97 | 180 | .93 | 179 | .86 | 180 | .87 | 175 | -1.3 | 2.5 |
| New York | 1.44 | 159 | 1.28 | 158 | 1.43 | 161 | 1.32 | 157 | 8.3 | 2.5 |
| Pennsylvania | 1.82 | 154 | 1.69 | 146 | 1.77 | 152 | 1.68 | 144 | 4.9 | 5.2 |
| East North Central | 1.66 | 148 | 1.61 | 153 | 1.65 | 151 | 1.66 | 154 | -.6 | -2.1 |
| Illinois | 1.89 | 175 | 1.92 | 179 | 1.91 | 178 | 1.87 | 182 | 2.0 | -3.3 |
| Indiana | 2.02 | 129 | 1.82 | 133 | 1.84 | 137 | 2.09 | 136 | -7.1 | .4 |
| Michigan | .80 | 153 | .80 | 165 | .63 | 160 | .59 | 172 | 6.9 | -6.9 |
| Ohio | 2.09 | 152 | 2.14 | 153 | 2.06 | 151 | 2.08 | 149 | -1.1 | 2.1 |
| Wisconsin | .80 | 134 | .83 | 144 | .85 | 136 | .89 | 145 | -4.4 | -5.7 |
| West North Central | 1.10 | 109 | 1.22 | 111 | 1.11 | 114 | 1.16 | 115 | -4.2 | -.9 |
| Iowa | .70 | 103 | .83 | 119 | .81 | 113 | .89 | 123 | -9.5 | -7.8 |
| Kansas | .49 | 122 | .76 | 126 | .67 | 125 | .72 | 124 | -6.4 | .6 |
| Minnesota | .63 | 114 | .56 | 111 | .58 | 126 | .59 | 121 | -1.3 | 4.5 |
| Missouri | 1.93 | 132 | 2.22 | 131 | 1.94 | 136 | 2.03 | 135 | -4.3 | 1.1 |
| Nebraska | .39 | 70 | .41 | 72 | .41 | 76 | .42 | 84 | -.5 | -9.9 |
| North Dakota | 1.27 | 67 | 1.16 | 68 | 1.23 | 68 | 1.10 | 69 | 11.0 | -1.2 |
| South Dakota | 1.35 | 110 | 1.46 | 123 | 1.48 | 115 | 1.45 | 124 | 1.9 | -7.7 |
| South Atlantic | 1.19 | 170 | 1.21 | 166 | 1.23 | 168 | 1.20 | 165 | 1.8 | 1.8 |
| Delaware | .76 | 180 | .86 | 178 | .74 | 182 | .81 | 179 | -8.5 | 1.8 |
| Florida | 1.35 | 185 | 1.36 | 178 | 1.41 | 185 | 1.42 | 179 | -1.0 | 3.5 |
| Georgia | 1.32 | 179 | 1.42 | 175 | 1.37 | 174 | 1.38 | 175 | -.7 | -.6 |
| Maryland | 1.18 | 165 | 1.24 | 164 | 1.13 | 165 | 1.12 | 161 | 1.3 | 2.4 |
| North Carolina | .77 | 176 | .72 | 180 | .76 | 178 | .73 | 177 | 3.9 | .8 |
| South Carolina | .95 | 176 | .88 | 168 | .94 | 172 | .89 | 171 | 6.1 | .9 |
| Virginia | .79 | 153 | .78 | 160 | .76 | 155 | .74 | 154 | 2.6 | .1 |
| West Virginia | 1.48 | 149 | 1.48 | 144 | 1.52 | 147 | 1.49 | 142 | 2.0 | 3.6 |
| East South Central | 1.73 | 142 | 1.88 | 145 | 1.78 | 144 | 1.85 | 143 | -3.9 | .5 |
| Alabama | 1.24 | 182 | 1.30 | 189 | 1.25 | 185 | 1.37 | 187 | -9.1 | -.8 |
| Kentucky | 2.18 | 119 | 2.44 | 115 | 2.25 | 119 | 2.39 | 113 | -5.8 | 5.1 |
| Mississippi | 1.28 | 168 | 1.26 | 163 | 1.32 | 165 | 1.22 | 167 | 7.7 | -1.5 |
| Tennessee | 1.70 | 128 | 1.73 | 136 | 1.67 | 135 | 1.67 | 134 | .1 | .7 |
| West South Central | .81 | 152 | .84 | 145 | .84 | 149 | .81 | 148 | 3.5 | .8 |
| Arkansas | .38 | 157 | .39 | 167 | .39 | 162 | .39 | 163 | -.1 | -.3 |
| Louisiana | .57 | 170 | .54 | 163 | .60 | 170 | .58 | 162 | 3.1 | 4.5 |
| Oklahoma | .47 | 147 | .55 | 130 | .53 | 140 | .51 | 137 | 4.6 | 2.4 |
| Texas | 1.03 | 148 | 1.03 | 142 | 1.01 | 146 | .98 | 146 | 3.3 | .2 |
| Mountain | .56 | 116 | .56 | 111 | .56 | 114 | .56 | 112 | .2 | 1.7 |
| Arizona | .47 | 134 | .48 | 134 | .47 | 143 | .46 | 137 | .7 | 4.7 |
| Colorado | .37 | 105 | .39 | 104 | .39 | 107 | .38 | 107 | 2.2 | .2 |
| Montana | .72 | 78 | .71 | 72 | .74 | 66 | .78 | 58 | -5.8 | 15.1 |
| Nevada | .51 | 153 | .46 | 187 | .48 | 151 | .47 | 150 | 2.0 | .9 |
| New Mexico | .90 | 144 | .85 | 124 | .87 | 132 | .87 | 124 | .4 | 6.3 |
| Utah | .40 | 140 | .48 | 119 | .43 | 116 | .43 | 124 | .9 | -6.1 |
| Wyoming | .60 | 83 | .57 | 80 | .61 | 83 | .59 | 85 | 2.3 | -1.2 |
| Pacific | .65 | 136 | .72 | 160 | .79 | 150 | .81 | 156 | -2.2 | -3.3 |
| Oregon | .38 | 105 | - | - | .37 | 108 | - | - | - | - |
| Washington | .79 | 153 | .72 | 160 | .87 | 158 | .81 | 158 | 7.0 | 1.5 |
| U.S. Total | 1.27 | 145 | 1.28 | 144 | 1.29 | 146 | 1.28 | 145 | 1.0 | .7 |

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 10. Quality and Price of Contract Coal Receipts at Electric Utility Plants, November 1990

| Census Division and State | November 1990 | | November 1989 | | Year to Date | | | | | |
|---------------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|
| | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu | 1990 | | 1989 | | Percent Change | |
| | | | | | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu |
| New England | 0.93 | 185 | 0.96 | 174 | 0.97 | 180 | 0.86 | 170 | 13.1 | 6.0 |
| Connecticut | .39 | 226 | .41 | 211 | .40 | 215 | .40 | 218 | 1.7 | -1.2 |
| Massachusetts | .95 | 175 | 1.01 | 158 | .98 | 170 | .95 | 158 | 3.0 | 7.5 |
| New Hampshire | 1.17 | 178 | 1.61 | 168 | 1.46 | 177 | 1.49 | 170 | -2.6 | 3.9 |
| Mid Atlantic | 1.74 | 160 | 1.64 | 155 | 1.73 | 158 | 1.64 | 154 | 5.2 | 2.7 |
| New Jersey | .98 | 181 | .95 | 178 | .87 | 179 | .91 | 176 | -5.0 | 1.7 |
| New York | 1.37 | 160 | 1.25 | 161 | 1.43 | 162 | 1.29 | 162 | 11.1 | -6 |
| Pennsylvania | 1.88 | 159 | 1.80 | 151 | 1.85 | 156 | 1.78 | 150 | 4.3 | 3.7 |
| East North Central | 1.70 | 157 | 1.65 | 162 | 1.70 | 159 | 1.68 | 164 | .8 | -2.7 |
| Illinois | 1.96 | 183 | 2.00 | 182 | 1.97 | 184 | 1.92 | 187 | 2.9 | -1.6 |
| Indiana | 2.02 | 132 | 1.90 | 140 | 1.97 | 140 | 2.14 | 143 | -7.8 | -1.5 |
| Michigan | .57 | 158 | .56 | 171 | .61 | 164 | .58 | 178 | 4.7 | -7.5 |
| Ohio | 2.24 | 172 | 2.18 | 170 | 2.18 | 167 | 2.19 | 165 | -.2 | 1.1 |
| Wisconsin | .92 | 140 | .88 | 143 | .93 | 142 | .92 | 145 | 1.2 | -1.8 |
| West North Central | 1.15 | 111 | 1.26 | 113 | 1.12 | 116 | 1.15 | 116 | -2.8 | -.7 |
| Iowa | .85 | 117 | .68 | 135 | .89 | 123 | .79 | 130 | 12.1 | -5.2 |
| Kansas | .47 | 131 | .71 | 128 | .45 | 127 | .60 | 126 | -24.7 | .9 |
| Minnesota | .62 | 115 | .54 | 110 | .56 | 127 | .58 | 121 | -2.2 | 5.0 |
| Missouri | 1.99 | 133 | 2.35 | 135 | 2.05 | 139 | 2.09 | 137 | -2.0 | 1.3 |
| Nebraska | .39 | 71 | .40 | 78 | .41 | 78 | .42 | 87 | -2.9 | -10.6 |
| North Dakota | 1.27 | 67 | 1.16 | 68 | 1.23 | 68 | 1.11 | 70 | 10.9 | -1.7 |
| South Dakota | 1.35 | 110 | 1.46 | 123 | 1.49 | 115 | 1.45 | 124 | 2.5 | -7.7 |
| South Atlantic | 1.23 | 178 | 1.20 | 175 | 1.24 | 176 | 1.21 | 174 | 2.9 | 1.2 |
| Delaware | .70 | 185 | .79 | 183 | .72 | 184 | .79 | 181 | -8.4 | 1.5 |
| Florida | 1.28 | 194 | 1.29 | 189 | 1.34 | 193 | 1.30 | 189 | 2.4 | 2.1 |
| Georgia | 1.50 | 190 | 1.45 | 181 | 1.46 | 182 | 1.43 | 182 | 1.7 | * |
| Maryland | 1.18 | 164 | 1.22 | 166 | 1.14 | 166 | 1.17 | 163 | -3.0 | 1.7 |
| North Carolina | .75 | 186 | .72 | 185 | .76 | 184 | .73 | 181 | 3.6 | 1.3 |
| South Carolina | .96 | 181 | .82 | 177 | .94 | 178 | .89 | 179 | 6.2 | -.7 |
| Virginia | .79 | 156 | .74 | 156 | .78 | 157 | .74 | 154 | 5.5 | 2.1 |
| West Virginia | 1.57 | 160 | 1.47 | 158 | 1.58 | 158 | 1.51 | 155 | 4.7 | 1.9 |
| East South Central | 1.85 | 147 | 1.89 | 155 | 1.87 | 151 | 1.86 | 155 | -.2 | -2.7 |
| Alabama | 1.20 | 197 | 1.14 | 209 | 1.13 | 202 | 1.24 | 202 | -9.1 | .2 |
| Kentucky | 2.49 | 120 | 2.72 | 119 | 2.59 | 120 | 2.70 | 121 | -4.2 | -.2 |
| Mississippi | 1.08 | 174 | 1.05 | 170 | 1.11 | 171 | 1.08 | 175 | 2.6 | -2.3 |
| Tennessee | 1.79 | 130 | 1.76 | 140 | 1.73 | 138 | 1.72 | 139 | .3 | -2.2 |
| West South Central | .82 | 152 | .86 | 147 | .85 | 150 | .81 | 146 | 5.2 | 2.8 |
| Arkansas | .38 | 157 | .39 | 167 | .39 | 162 | .39 | 163 | -.1 | -.3 |
| Louisiana | .57 | 170 | .54 | 163 | .60 | 170 | .58 | 163 | 4.1 | 4.1 |
| Oklahoma | .45 | 147 | .47 | 134 | .51 | 142 | .48 | 138 | 6.6 | 2.7 |
| Texas | 1.06 | 149 | 1.07 | 143 | 1.03 | 146 | .89 | 142 | 4.0 | 3.5 |
| Mountain | .57 | 119 | .57 | 112 | .57 | 116 | .57 | 113 | .2 | 2.4 |
| Arizona | .47 | 134 | .48 | 134 | .47 | 143 | .46 | 137 | .6 | 4.7 |
| Colorado | .38 | 110 | .39 | 104 | .39 | 108 | .38 | 108 | 3.3 | .4 |
| Montana | .72 | 78 | .71 | 72 | .74 | 66 | .78 | 58 | -5.8 | 15.1 |
| Nevada | .51 | 153 | .46 | 187 | .48 | 151 | .47 | 150 | 1.9 | .9 |
| New Mexico | .90 | 144 | .85 | 124 | .87 | 132 | .87 | 124 | .4 | 6.3 |
| Utah | .39 | 145 | .48 | 121 | .43 | 118 | .42 | 126 | .7 | -6.4 |
| Wyoming | .62 | 86 | .59 | 82 | .63 | 86 | .62 | 87 | 2.0 | -.5 |
| Pacific | .85 | 136 | .78 | 166 | .83 | 152 | .87 | 162 | -5.4 | -5.9 |
| Oregon | .38 | 105 | - | - | .37 | 108 | - | - | - | - |
| Washington | .79 | 153 | .78 | 166 | .91 | 161 | .87 | 162 | 4.7 | -.6 |
| U.S. Total | 1.29 | 149 | 1.28 | 148 | 1.29 | 150 | 1.25 | 149 | 2.8 | .8 |

* For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 11. Quality and Price of Spot Coal Receipts at Electric Utility Plants, November 1990

| Census Division and State | November 1990 | | November 1989 | | Year to Date | | | | | |
|---------------------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|
| | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu | 1990 | | 1989 | | Percent Change | |
| | | | | | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu | Lbs. sulfur per MM Btu | Cents per MM Btu |
| New England | 0.69 | 186 | 1.02 | 180 | 0.93 | 181 | 1.18 | 170 | -21.2 | 6.9 |
| Connecticut | - | - | - | - | .42 | 192 | .42 | 180 | .5 | 6.5 |
| Massachusetts | .69 | 186 | 1.07 | 169 | .90 | 180 | .94 | 166 | -4.3 | 8.9 |
| New Hampshire | - | - | .93 | 201 | 1.32 | 181 | 1.52 | 173 | -13.0 | 5.0 |
| Mid Atlantic | 1.51 | 142 | 1.36 | 139 | 1.42 | 145 | 1.37 | 134 | 4.2 | 7.5 |
| New Jersey | .94 | 175 | .84 | 184 | .82 | 188 | .74 | 174 | 10.1 | 7.7 |
| New York | 1.56 | 158 | 1.32 | 152 | 1.44 | 160 | 1.39 | 147 | 3.5 | 8.7 |
| Pennsylvania | 1.51 | 132 | 1.40 | 131 | 1.44 | 137 | 1.41 | 127 | 2.4 | 8.2 |
| East North Central | 1.55 | 122 | 1.48 | 128 | 1.50 | 125 | 1.59 | 121 | -5.2 | 3.4 |
| Illinois | 1.57 | 134 | 1.13 | 152 | 1.57 | 131 | 1.42 | 126 | 11.0 | 3.8 |
| Indiana | 2.04 | 117 | 1.57 | 113 | 1.82 | 118 | 1.92 | 110 | -5.5 | 7.7 |
| Michigan | .68 | 137 | .69 | 152 | .72 | 146 | .64 | 147 | 12.5 | -1.0 |
| Ohio | 1.84 | 118 | 2.06 | 116 | 1.80 | 122 | 1.85 | 115 | -2.7 | 5.9 |
| Wisconsin | .43 | 113 | .46 | 159 | .60 | 118 | .69 | 144 | -13.6 | -18.1 |
| West North Central | .88 | 97 | 1.03 | 99 | 1.09 | 106 | 1.26 | 106 | -13.0 | .1 |
| Iowa | .48 | 81 | .99 | 102 | .64 | 91 | 1.18 | 102 | -45.4 | -10.7 |
| Kansas | .60 | 88 | 2.11 | 123 | 1.64 | 113 | 1.49 | 109 | 10.2 | 3.9 |
| Minnesota | .80 | 106 | .70 | 113 | .82 | 114 | .78 | 116 | 5.4 | -1.5 |
| Missouri | 1.67 | 126 | 1.51 | 110 | 1.49 | 126 | 1.63 | 120 | -8.3 | 4.6 |
| Nebraska | .37 | 70 | .43 | 67 | .43 | 68 | .39 | 68 | 10.2 | -2.2 |
| North Dakota | - | - | - | - | - | - | 1.00 | 48 | - | - |
| South Dakota | - | - | - | - | .41 | 114 | - | - | - | - |
| South Atlantic | 1.08 | 144 | 1.25 | 144 | 1.17 | 144 | 1.20 | 141 | -1.9 | 1.6 |
| Delaware | .93 | 165 | 1.00 | 162 | .78 | 177 | .83 | 162 | -16.5 | 9.6 |
| Florida | 1.61 | 148 | 1.62 | 142 | 1.71 | 149 | 1.81 | 143 | -5.3 | 4.1 |
| Georgia | .90 | 156 | 1.35 | 157 | 1.15 | 153 | 1.23 | 153 | -6.4 | -3 |
| Maryland | 1.17 | 165 | 1.27 | 156 | 1.11 | 162 | .99 | 156 | 11.9 | 3.8 |
| North Carolina | .82 | 143 | .75 | 159 | .77 | 150 | .74 | 153 | 5.1 | -2.2 |
| South Carolina | .91 | 157 | .92 | 157 | .93 | 157 | .88 | 156 | 5.6 | .3 |
| Virginia | .81 | 146 | .83 | 166 | .72 | 150 | .74 | 155 | -3.0 | -3.4 |
| West Virginia | 1.23 | 116 | 1.52 | 109 | 1.33 | 114 | 1.43 | 106 | -7.2 | 7.6 |
| East South Central | 1.33 | 123 | 1.77 | 119 | 1.51 | 122 | 1.82 | 110 | -17.1 | 10.9 |
| Alabama | 1.36 | 126 | 1.68 | 139 | 1.66 | 127 | 1.93 | 124 | -13.9 | 2.5 |
| Kentucky | 1.15 | 118 | 1.86 | 106 | 1.40 | 116 | 1.89 | 102 | -25.9 | 14.1 |
| Mississippi | 2.17 | 142 | 2.14 | 133 | 2.00 | 146 | 1.83 | 137 | 9.4 | 7.1 |
| Tennessee | 1.41 | 124 | 1.61 | 117 | 1.46 | 123 | 1.44 | 114 | 1.6 | 7.9 |
| West South Central | .51 | 136 | .58 | 118 | .55 | 127 | .83 | 172 | -34.0 | -26.1 |
| Louisiana | - | - | - | - | - | - | .87 | 131 | - | - |
| Oklahoma | .86 | 145 | .87 | 112 | .69 | 123 | .75 | 122 | -7.8 | .7 |
| Texas | .42 | 133 | .38 | 123 | .45 | 130 | .85 | 185 | -46.6 | -30.0 |
| Mountain | .41 | 83 | .43 | 91 | .45 | 88 | .41 | 89 | 9.7 | -4 |
| Arizona | - | - | - | - | .64 | 145 | - | - | - | - |
| Colorado | .34 | 91 | .42 | 103 | .37 | 99 | .38 | 98 | -3.5 | .4 |
| Nevada | - | - | - | - | .82 | 149 | - | - | - | - |
| Utah | .44 | 104 | .47 | 105 | .47 | 105 | .47 | 104 | .1 | .3 |
| Wyoming | .48 | 65 | .38 | 59 | .50 | 67 | .38 | 62 | 29.3 | 7.7 |
| Pacific | - | - | .39 | 127 | .36 | 128 | .45 | 120 | -20.9 | 6.3 |
| Washington | - | - | .39 | 127 | .36 | 128 | .45 | 120 | -20.9 | 6.3 |
| U.S. Total | 1.23 | 126 | 1.32 | 129 | 1.29 | 129 | 1.37 | 128 | -6.0 | .7 |

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, November 1990

| State | 0-0.60 lbs sulfur per MM Btu | | 0.61-1.67 lbs sulfur per MM Btu | | > 1.67 lbs. sulfur per MM Btu | | Total | | | Percent Change vs prior year | | |
|---------------------|--------------------------------|------------------|---------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|------------------------|------------------------------|-------|----------------|
| | Quantity (thousand short tons) | Cents per MM Btu | Quantity (thousand short tons) | Cents per MM Btu | Quantity (thousand short tons) | Cents per MM Btu | Quantity (thousand short tons) | Cents per MM Btu | Lbs. sulfur per MM Btu | Quantity | Price | Sulfur Content |
| Alabama | 348 | 261 | 755 | 184 | 313 | 163 | 1,416 | 199 | 1.12 | -2.6 | -0.3 | -1.0 |
| Arizona | 1,086 | 107 | - | - | - | - | 1,086 | 107 | .48 | 25.3 | -6.8 | 5.9 |
| Colorado | 1,328 | 149 | - | - | - | - | 1,328 | 149 | .37 | 1.4 | -.3 | -8.3 |
| Illinois | - | - | 848 | 145 | 3,738 | 155 | 4,582 | 153 | 2.43 | 4.2 | -1.6 | 1.4 |
| Indiana | 54 | 151 | 181 | 138 | 2,255 | 127 | 2,490 | 128 | 2.31 | 1.0 | 5.1 | .5 |
| Iowa | - | - | - | - | 6 | 164 | 6 | 164 | 2.95 | 20.0 | 3.1 | -13.8 |
| Kansas | - | - | - | - | 49 | 125 | 49 | 125 | 2.74 | -48.9 | -0.3 | -36.7 |
| Kentucky | 1,333 | 164 | 5,564 | 164 | 3,617 | 127 | 10,514 | 152 | 1.47 | -1.4 | -2.3 | -.5 |
| Louisiana | - | - | 263 | 135 | - | - | 263 | 135 | .85 | -18.1 | 8.7 | 18.4 |
| Maryland | - | - | 224 | 147 | - | - | 224 | 147 | 1.31 | -1.5 | -1.5 | 1.1 |
| Missouri | - | - | - | - | 190 | 145 | 190 | 145 | 3.08 | -46.3 | 21.2 | -17.8 |
| Montana | 1,804 | 183 | 2,005 | 105 | - | - | 3,609 | 132 | .58 | 13.4 | 3.0 | 4.2 |
| New Mexico | 355 | 186 | 1,213 | 152 | - | - | 1,568 | 160 | .77 | -12.4 | 12.4 | 1.3 |
| North Dakota | - | - | 1,641 | 78 | 321 | 46 | 1,962 | 71 | 1.28 | -4.1 | -2.5 | 7.5 |
| Ohio | 1 | 177 | 87 | 142 | 2,497 | 151 | 2,585 | 151 | 2.88 | -4.3 | -6.4 | .9 |
| Oklahoma | 35 | 153 | 24 | 148 | 3 | 113 | 63 | 149 | .90 | -41.4 | 4.7 | -44.4 |
| Pennsylvania | 97 | 164 | 2,393 | 160 | 1,315 | 150 | 3,805 | 157 | 1.51 | -10.2 | 5.2 | 8.1 |
| Tennessee | 14 | 147 | 197 | 140 | 58 | 124 | 270 | 137 | 1.17 | -33.9 | -6.4 | 7.0 |
| Texas | - | - | 2,865 | 115 | 854 | 109 | 3,719 | 113 | 1.63 | -5.9 | 6.1 | .2 |
| Utah | 990 | 137 | - | - | - | - | 990 | 137 | .41 | -18.0 | 17.8 | -16.3 |
| Virginia | 308 | 188 | 1,032 | 184 | - | - | 1,340 | 170 | .89 | -.7 | -.5 | -.6 |
| Washington | - | - | 370 | 153 | - | - | 370 | 153 | .79 | -8.6 | -7.5 | 1.8 |
| West Virginia | 2,081 | 170 | 3,167 | 161 | 2,018 | 143 | 7,266 | 158 | 1.28 | -2.0 | 1.4 | 2.8 |
| Wyoming | 14,461 | 133 | 1,108 | 101 | - | - | 15,569 | 130 | .44 | 7.3 | .3 | 2.1 |
| Imported | 97 | 174 | 41 | 180 | - | - | 139 | 176 | .52 | 26.0 | 2.5 | -9.2 |
| U.S. Total | 24,192 | 146 | 23,978 | 148 | 17,232 | 140 | 65,401 | 145 | 1.27 | -.3 | .4 | -.8 |

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 13. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-November 1990

| State | 0-0.60 lbs sulfur per MM Btu | | 0.61-1.67 lbs sulfur per MM Btu | | > 1.67 lbs. sulfur per MM Btu | | Total | | | Percent Change vs prior year | | |
|---------------------|--------------------------------|------------------|---------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|------------------------|------------------------------|-------|----------------|
| | Quantity (thousand short tons) | Cents per MM Btu | Quantity (thousand short tons) | Cents per MM Btu | Quantity (thousand short tons) | Cents per MM Btu | Quantity (thousand short tons) | Cents per MM Btu | Lbs. sulfur per MM Btu | Quantity | Price | Sulfur Content |
| Alabama | 3,913 | 260 | 7,422 | 187 | 3,943 | 180 | 15,278 | 204 | 1.11 | 11.4 | 1.6 | -1.2 |
| Arizona | 10,391 | 108 | - | - | - | - | 10,391 | 108 | .46 | -4.9 | 2.5 | .7 |
| Colorado | 13,979 | 143 | 150 | 218 | - | - | 14,129 | 144 | .39 | 10.4 | 1.8 | 1.9 |
| Illinois | - | - | 9,344 | 163 | 40,665 | 155 | 50,009 | 157 | 2.42 | -.1 | -.3 | 3.0 |
| Indiana | 571 | 151 | 2,662 | 128 | 25,515 | 128 | 28,748 | 128 | 2.30 | 15.3 | 1.7 | -.3 |
| Iowa | - | - | - | - | 60 | 163 | 60 | 163 | 3.32 | 39.5 | 7.2 | -7.7 |
| Kansas | - | - | - | - | 617 | 123 | 617 | 123 | 2.59 | -15.9 | -5.9 | -30.2 |
| Kentucky | 15,517 | 188 | 63,917 | 168 | 39,814 | 126 | 119,247 | 154 | 1.49 | 7.1 | .1 | .9 |
| Louisiana | - | - | 2,982 | 133 | - | - | 2,982 | 133 | .80 | 7.7 | 4.8 | .9 |
| Maryland | - | - | 2,633 | 154 | 58 | 128 | 2,691 | 153 | 1.28 | 24.8 | 4.5 | -2.2 |
| Missouri | - | - | - | - | 2,217 | 164 | 2,217 | 164 | 3.95 | -23.3 | 25.7 | -7.7 |
| Montana | 14,002 | 177 | 18,709 | 106 | - | - | 32,711 | 138 | .58 | -1.4 | 3.3 | -3.6 |
| New Mexico | 5,481 | 185 | 15,483 | 138 | - | - | 20,964 | 151 | .74 | 3.1 | 5.2 | .2 |
| North Dakota | - | - | 19,100 | 73 | 1,695 | 68 | 20,795 | 72 | 1.25 | -1.8 | -2.1 | 10.1 |
| Ohio | 28 | 155 | 1,489 | 143 | 26,335 | 150 | 27,851 | 149 | 2.85 | -.6 | -4.3 | 1.9 |
| Oklahoma | 483 | 148 | 454 | 145 | 213 | 112 | 1,150 | 139 | 1.29 | 13.1 | -.8 | -26.9 |
| Pennsylvania | 1,696 | 172 | 31,451 | 155 | 13,708 | 152 | 46,856 | 154 | 1.47 | 7.0 | 4.5 | 4.3 |
| Tennessee | 284 | 141 | 3,201 | 149 | 818 | 132 | 4,303 | 145 | 1.14 | .1 | 2.5 | 7.0 |
| Texas | - | - | 29,924 | 107 | 14,902 | 111 | 44,827 | 108 | 1.57 | 2.1 | 3.2 | .4 |
| Utah | 13,210 | 116 | 906 | 152 | - | - | 14,116 | 118 | .44 | 4.3 | -5.9 | .1 |
| Virginia | 3,167 | 184 | 12,744 | 165 | 23 | 157 | 15,933 | 169 | .88 | -3.6 | 1.4 | -.8 |
| Washington | - | - | 4,326 | 161 | - | - | 4,326 | 161 | .91 | -4.2 | .4 | 5.0 |
| West Virginia | 21,182 | 170 | 36,863 | 160 | 23,131 | 143 | 81,176 | 158 | 1.31 | 5.4 | 3.2 | 2.4 |
| Wyoming | 151,107 | 136 | 10,466 | 99 | 9 | 136 | 161,582 | 133 | .44 | 6.2 | -3.1 | .1 |
| Imported | 448 | 169 | 762 | 178 | - | - | 1,210 | 175 | .60 | 13.2 | -1.8 | 7.5 |
| U.S. Total | 255,459 | 147 | 274,989 | 149 | 193,724 | 141 | 724,172 | 146 | 1.29 | 4.5 | .7 | 1.0 |

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 14. Destination of Coal Received at Electric Utility Plants by Origin,
January-November 1990

| State of Destination State of Origin and Imports | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|--|-----------------------------------|--------|--------------------------------|-------|---|------|-----------------------------|------|
| | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 |
| Alabama | 20,547 | 19,658 | 76.8 | 80.4 | 1.25 | 1.37 | 185 | 187 |
| Alabama | 15,044 | 13,501 | 92.5 | 92.6 | 1.10 | 1.11 | 205 | 202 |
| Illinois | 418 | 795 | - | 3.2 | 2.03 | 1.98 | 112 | 110 |
| Indiana | 459 | 330 | - | - | 2.05 | 2.93 | 117 | 106 |
| Kentucky | 3,091 | 1,987 | 40.7 | 39.6 | 1.84 | 2.34 | 135 | 124 |
| Ohio | 544 | 2,287 | 95.4 | 100.0 | 2.00 | 1.99 | 117 | 209 |
| Tennessee | 739 | 685 | 11.6 | 26.0 | .66 | .62 | 125 | 126 |
| West Virginia | 36 | 93 | 17.7 | 39.2 | .68 | .64 | 142 | 156 |
| Wyoming | 216 | - | - | - | .44 | - | 170 | - |
| Arizona | 14,339 | 14,052 | 99.9 | 100.0 | .47 | .46 | 143 | 137 |
| Arizona | 6,678 | 7,076 | 100.0 | 100.0 | .44 | .44 | 100 | 97 |
| Colorado | 910 | 578 | 100.0 | 100.0 | .33 | .34 | 174 | 172 |
| New Mexico | 8,751 | 6,399 | 99.7 | 100.0 | .52 | .50 | 187 | 182 |
| Kansas | 9,984 | 10,594 | 100.0 | 100.0 | .39 | .39 | 162 | 163 |
| Wyoming | 9,984 | 10,594 | 100.0 | 100.0 | .39 | .39 | 162 | 163 |
| Colorado | 14,058 | 14,351 | 84.4 | 87.4 | .39 | .38 | 107 | 107 |
| Colorado | 9,149 | 8,236 | 76.0 | 83.0 | .39 | .38 | 107 | 109 |
| New Mexico | - | 32 | - | - | - | .42 | - | 130 |
| Wyoming | 4,909 | 5,083 | 100.0 | 95.9 | .39 | .37 | 105 | 100 |
| Connecticut | 878 | 816 | 91.2 | 89.6 | .41 | .40 | 213 | 214 |
| Kentucky | 878 | 790 | 91.2 | 92.5 | .41 | .40 | 213 | 215 |
| West Virginia | - | 26 | - | - | - | .49 | - | 185 |
| Delaware | 2,031 | 1,770 | 75.8 | 89.0 | .74 | .81 | 182 | 179 |
| Kentucky | 117 | 24 | 14.2 | 75.0 | .52 | .61 | 194 | 177 |
| Maryland | 21 | 7 | 100.0 | 100.0 | 1.11 | 1.16 | 141 | 139 |
| Pennsylvania | 344 | 435 | 34.9 | 75.5 | 1.04 | 1.17 | 163 | 164 |
| Virginia | 227 | 61 | 51.7 | 100.0 | .71 | .65 | 185 | 200 |
| West Virginia | 1,322 | 1,242 | 95.6 | 93.4 | .68 | .69 | 184 | 183 |
| Florida | 22,429 | 21,487 | 81.1 | 76.9 | 1.41 | 1.42 | 185 | 179 |
| Alabama | - | 13 | - | - | - | 2.55 | - | 114 |
| Illinois | 3,879 | 3,779 | 98.1 | 99.3 | 2.41 | 2.38 | 209 | 198 |
| Indiana | 410 | 498 | - | 15.5 | 2.85 | 2.99 | 108 | 129 |
| Kentucky | 14,218 | 13,810 | 77.8 | 69.4 | 1.29 | 1.28 | 178 | 172 |
| Tennessee | 115 | 78 | 100.0 | 100.0 | .86 | .79 | 215 | 215 |
| Virginia | 902 | 783 | 90.0 | 97.8 | .58 | .58 | 236 | 232 |
| West Virginia | 1,985 | 1,828 | 87.3 | 90.0 | .89 | .94 | 184 | 182 |
| Imported coal Colombia | 880 | 685 | 74.3 | 94.1 | .61 | .61 | 171 | 173 |
| Imported coal Venezuela | 40 | 37 | - | - | .63 | .36 | 171 | 141 |
| Georgia | 25,751 | 23,598 | 71.4 | 75.5 | 1.37 | 1.38 | 174 | 175 |
| Alabama | 234 | 198 | 10.0 | - | 1.67 | 1.64 | 155 | 152 |
| Illinois | 4,512 | 4,775 | 95.8 | 99.4 | 2.53 | 2.29 | 179 | 184 |
| Kentucky | 13,459 | 13,125 | 72.2 | 67.9 | 1.29 | 1.28 | 169 | 166 |
| Montana | - | 54 | - | - | - | .34 | - | 181 |
| Ohio | 46 | - | - | - | 2.28 | - | 142 | - |
| Tennessee | 1,219 | 1,008 | 50.8 | 77.6 | 1.11 | .81 | 182 | 199 |
| Virginia | 3,085 | 3,046 | 74.2 | 69.7 | 1.06 | 1.10 | 174 | 171 |
| West Virginia | 1,345 | 1,262 | 100.0 | 100.0 | .56 | .53 | 247 | 243 |
| Wyoming | 1,850 | 108 | 3.2 | - | .36 | .39 | 142 | 146 |
| Imported coal Colombia | - | 23 | - | - | - | .54 | - | 173 |
| Illinois | 24,316 | 22,992 | 85.4 | 91.8 | 1.91 | 1.87 | 178 | 182 |
| Colorado | 11 | 39 | - | - | .40 | .41 | 156 | 180 |
| Illinois | 14,283 | 13,462 | 90.1 | 95.7 | 2.72 | 2.69 | 146 | 151 |
| Indiana | 1,785 | 1,932 | 73.9 | 68.1 | 1.57 | 1.37 | 126 | 126 |
| Kentucky | 2,020 | 1,444 | 43.2 | 67.2 | .82 | .64 | 156 | 163 |
| Montana | 2,587 | 2,630 | 100.0 | 99.5 | .39 | .38 | 289 | 283 |
| New Mexico | 222 | 20 | 50.0 | - | .45 | .46 | 166 | 182 |
| Tennessee | 125 | - | 100.0 | - | .57 | - | 169 | - |
| Virginia | - | 6 | - | - | - | .59 | - | 185 |
| West Virginia | 211 | 260 | 25.5 | 54.6 | .52 | .52 | 156 | 169 |
| Wyoming | 3,093 | 3,299 | 92.1 | 98.7 | .44 | .48 | 289 | 292 |
| Illiana | 45,542 | 36,868 | 82.6 | 79.5 | 1.94 | 2.09 | 137 | 136 |
| Colorado | 528 | 189 | 98.1 | 74.8 | .39 | .39 | 300 | 302 |
| Illinois | 8,991 | 8,248 | 85.9 | 87.4 | 2.43 | 2.39 | 157 | 160 |
| Indiana | 19,772 | 17,286 | 80.0 | 80.3 | 2.41 | 2.46 | 125 | 122 |
| Kentucky | 4,254 | 3,831 | 91.1 | 79.5 | 2.44 | 2.42 | 130 | 126 |
| Montana | 574 | 286 | 58.7 | 61.8 | .39 | .35 | 232 | 235 |
| Ohio | 49 | 10 | - | - | 2.27 | 1.93 | 126 | 129 |
| Virginia | 58 | - | - | - | .58 | - | 164 | - |
| West Virginia | 370 | 268 | 57.5 | 51.6 | .55 | .77 | 198 | 186 |
| Wyoming | 10,948 | 6,759 | 83.5 | 69.6 | .39 | .44 | 128 | 142 |

See footnotes at end of table.

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,
January-November 1990 (Continued)**

| State of Destination State of Origin and Imports | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|--|-----------------------------------|--------|--------------------------------|-------|---|------|-----------------------------|------|
| | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 |
| Iowa | 14,623 | 13,447 | 67.9 | 74.2 | 0.81 | 0.89 | 113 | 123 |
| Illinois | 1,158 | 1,722 | 91.6 | 62.0 | 2.48 | 2.54 | 168 | 144 |
| Indiana | 1,042 | 708 | 70.4 | 43.1 | 2.24 | 2.16 | 135 | 131 |
| Iowa | 60 | 43 | 100.0 | 100.0 | 3.32 | 3.60 | 163 | 152 |
| Kentucky | 29 | 75 | - | - | 2.75 | 2.35 | 133 | 127 |
| Wyoming | 12,335 | 10,898 | 65.5 | 78.5 | .43 | .42 | 104 | 117 |
| Kansas | 14,475 | 13,681 | 84.1 | 88.8 | .67 | .72 | 125 | 124 |
| Colorado | 178 | - | 94.2 | - | .33 | - | 118 | - |
| Illinois | 1,213 | 559 | 18.6 | 29.5 | 2.51 | 2.63 | 148 | 146 |
| Kansas | 237 | 636 | - | 59.0 | 2.42 | 3.88 | 121 | 130 |
| Wyoming | 12,847 | 12,486 | 91.7 | 92.9 | .41 | .41 | 122 | 122 |
| Kentucky | 32,655 | 28,293 | 72.4 | 62.3 | 2.25 | 2.39 | 119 | 113 |
| Illinois | 91 | 9 | 88.6 | - | 1.59 | 1.72 | 135 | 116 |
| Indiana | 2,365 | 1,927 | 64.2 | 47.2 | 2.40 | 2.22 | 111 | 104 |
| Kentucky | 26,296 | 23,487 | 76.2 | 66.1 | 2.44 | 2.58 | 118 | 114 |
| Ohio | 244 | 118 | 53.3 | 54.3 | 2.41 | 2.21 | 145 | 131 |
| Pennsylvania | 12 | 18 | 12.4 | 49.4 | 2.05 | 1.98 | 113 | 127 |
| Tennessee | 567 | 499 | 85.8 | 27.1 | 2.08 | 2.08 | 120 | 105 |
| Virginia | 60 | - | 100.0 | - | .58 | - | 158 | - |
| West Virginia | 2,807 | 2,213 | 41.5 | 45.1 | .62 | .66 | 129 | 117 |
| Wyoming | 213 | 22 | 65.2 | - | .40 | .37 | 123 | 124 |
| Louisiana | 10,577 | 10,814 | 100.0 | 97.7 | .60 | .58 | 170 | 162 |
| Louisiana | 2,982 | 2,770 | 100.0 | 91.0 | .80 | .79 | 133 | 127 |
| West Virginia | 200 | 161 | 100.0 | 100.0 | .51 | .50 | 206 | 202 |
| Wyoming | 7,395 | 7,884 | 100.0 | 100.0 | .54 | .52 | 180 | 171 |
| Maryland | 9,209 | 7,876 | 70.7 | 68.0 | 1.13 | 1.12 | 165 | 161 |
| Kentucky | 397 | 666 | 79.3 | 85.0 | .56 | .59 | 160 | 166 |
| Maryland | 1,561 | 1,297 | 45.5 | 54.4 | 1.24 | 1.25 | 171 | 165 |
| Ohio | 7 | - | - | - | 1.78 | - | 166 | - |
| Pennsylvania | 2,372 | 2,227 | 90.8 | 95.6 | 1.48 | 1.51 | 179 | 170 |
| Virginia | 21 | - | - | - | .47 | - | 179 | - |
| West Virginia | 4,850 | 3,438 | 68.7 | 57.0 | .98 | .97 | 156 | 150 |
| Imported coal Colombia | - | 247 | - | - | .47 | - | - | 195 |
| Massachusetts | 3,754 | 3,982 | 88.0 | 76.3 | .95 | .95 | 173 | 160 |
| Kentucky | 49 | 23 | - | - | .75 | .69 | 180 | 138 |
| Maryland | 40 | - | - | - | .75 | - | 185 | - |
| Pennsylvania | 844 | 839 | 27.2 | 17.3 | 1.08 | 1.06 | 174 | 164 |
| Virginia | 1,299 | 1,562 | 89.9 | 100.0 | .93 | .91 | 175 | 162 |
| West Virginia | 1,348 | 1,523 | 85.9 | 87.4 | .96 | .93 | 168 | 155 |
| Imported coal Colombia | 105 | 35 | - | - | .56 | .48 | 190 | 196 |
| Imported coal Venezuela | 70 | - | - | - | .48 | - | 181 | - |
| Michigan | 27,403 | 26,971 | 78.7 | 81.8 | .63 | .59 | 160 | 172 |
| Indiana | 148 | 149 | 59.3 | 58.6 | 2.47 | 2.31 | 159 | 155 |
| Kentucky | 6,688 | 6,773 | 71.5 | 84.8 | .74 | .65 | 177 | 194 |
| Montana | 10,655 | 10,718 | 96.3 | 94.5 | .37 | .38 | 149 | 153 |
| Ohio | 178 | 217 | 80.3 | 67.6 | 2.77 | 2.49 | 190 | 179 |
| Pennsylvania | 1,790 | 1,817 | 71.1 | 71.6 | 1.13 | .99 | 158 | 172 |
| Virginia | 113 | 527 | 100.0 | 100.0 | 1.09 | .92 | 186 | 176 |
| West Virginia | 5,710 | 5,846 | 74.9 | 72.9 | .67 | .59 | 170 | 180 |
| Wyoming | 2,142 | 1,123 | 30.2 | - | .34 | .35 | 110 | 118 |
| Minnesota | 15,215 | 14,824 | 93.5 | 94.3 | .58 | .59 | 126 | 121 |
| Illinois | 47 | 52 | 100.0 | 100.0 | 1.32 | 1.35 | 179 | 195 |
| Indiana | 69 | 68 | 12.5 | - | 1.79 | 1.64 | 156 | 138 |
| Kentucky | 8 | 1 | 56.6 | - | .91 | .59 | 189 | 198 |
| Montana | 8,560 | 8,221 | 89.6 | 90.9 | .77 | .79 | 133 | 127 |
| North Dakota | 1 | - | 100.0 | - | .87 | - | 174 | - |
| Pennsylvania | 3 | - | 100.0 | - | 1.02 | - | 176 | - |
| West Virginia | 2 | - | 100.0 | - | .95 | - | 169 | - |
| Wyoming | 6,525 | 6,481 | 89.3 | 89.7 | .31 | .31 | 117 | 112 |
| Mississippi | 3,638 | 3,229 | 75.8 | 80.5 | 1.32 | 1.22 | 165 | 167 |
| Illinois | 1,051 | 1,029 | 89.7 | 84.9 | 2.03 | 1.99 | 151 | 147 |
| Indiana | 23 | - | - | - | 4.17 | - | 126 | - |
| Kentucky | 2,563 | 2,173 | 70.8 | 79.5 | 1.00 | .86 | 171 | 177 |
| West Virginia | - | 27 | - | - | - | 1.30 | - | 143 |
| Missouri | 22,417 | 23,112 | 79.7 | 86.1 | 1.84 | 2.03 | 136 | 135 |
| Colorado | 244 | 62 | 100.0 | 14.5 | .40 | .33 | 160 | 187 |
| Illinois | 11,393 | 12,883 | 85.2 | 88.7 | 2.23 | 2.15 | 151 | 151 |
| Indiana | 115 | 55 | 100.0 | 49.1 | 2.90 | 1.09 | 122 | 123 |
| Kansas | 380 | 97 | 7.9 | 30.3 | 2.70 | 2.78 | 124 | 133 |

See footnotes at end of table.

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,
January-November 1990 (Continued)**

| State of Destination State of Origin and Imports | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|--|-----------------------------------|--------|--------------------------------|-------|---|------|-----------------------------|------|
| | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 |
| Missouri | | | | | | | | |
| Kentucky | 1,003 | 231 | 97.7 | 97.4 | 2.57 | 2.75 | 123 | 125 |
| Missouri | 2,217 | 2,889 | 97.5 | 98.9 | 3.95 | 4.28 | 164 | 130 |
| New Mexico | 18 | - | - | - | .34 | - | 135 | - |
| Ohio | 24 | - | - | - | 2.10 | - | 171 | - |
| Oklahoma | 36 | 291 | 100.0 | 63.1 | 3.64 | 3.29 | 138 | 136 |
| Utah | - | 48 | - | - | - | .40 | - | 183 |
| Wyoming | 6,987 | 6,555 | 65.8 | 76.3 | .43 | .43 | 97 | 96 |
| Montana | 8,555 | 9,257 | 100.0 | 100.0 | .74 | .78 | 66 | 58 |
| Montana | 8,555 | 9,257 | 100.0 | 100.0 | .74 | .78 | 66 | 58 |
| Nebraska | 7,393 | 6,720 | 76.1 | 82.0 | .41 | .42 | 76 | 84 |
| Colorado | - | 80 | - | 100.0 | - | .45 | - | 182 |
| Montana | - | - | - | - | - | .36 | - | 23 |
| Wyoming | 7,393 | 6,640 | 76.1 | 81.8 | .41 | .42 | 76 | 82 |
| Nevada | 6,786 | 6,430 | 99.9 | 100.0 | .48 | .47 | 151 | 150 |
| Arizona | 3,712 | 3,851 | 100.0 | 100.0 | .49 | .47 | 123 | 121 |
| Utah | 2,530 | 2,126 | 99.7 | 100.0 | .47 | .46 | 181 | 180 |
| Wyoming | 544 | 454 | 100.0 | 100.0 | .45 | .48 | 203 | 199 |
| New Hampshire | 1,127 | 993 | 82.2 | 12.6 | 1.43 | 1.51 | 178 | 172 |
| Kentucky | 17 | - | - | - | .68 | - | 201 | - |
| Ohio | - | 16 | - | - | - | 2.39 | - | 183 |
| Pennsylvania | 196 | 195 | 100.0 | 20.3 | 1.03 | 1.00 | 178 | 174 |
| Virginia | - | 35 | - | - | - | .92 | - | 219 |
| West Virginia | 799 | 737 | 81.2 | 11.4 | 1.67 | 1.68 | 176 | 169 |
| Imported coal Canada | 34 | - | - | - | .97 | - | 181 | - |
| Imported coal Venezuela .. | 81 | - | 100.0 | - | .39 | - | 189 | - |
| New Jersey | 2,627 | 3,077 | 88.2 | 76.5 | .86 | .87 | 180 | 175 |
| Kentucky | 31 | 56 | - | - | .62 | .58 | 190 | 179 |
| Ohio | 14 | - | - | - | 1.68 | - | 203 | - |
| Pennsylvania | 26 | 34 | - | - | .95 | 1.09 | 189 | 181 |
| Virginia | 911 | 1,058 | 97.8 | 79.9 | .58 | .61 | 178 | 173 |
| West Virginia | 1,644 | 1,889 | 86.6 | 79.8 | 1.03 | 1.05 | 181 | 177 |
| Imported coal Colombia | - | 12 | - | - | - | .43 | - | 176 |
| Imported coal Venezuela .. | - | 29 | - | - | - | .39 | - | 188 |
| New Mexico | 13,930 | 13,881 | 100.0 | 100.0 | .87 | .87 | 132 | 124 |
| New Mexico | 13,930 | 13,881 | 100.0 | 100.0 | .87 | .87 | 132 | 124 |
| New York | 9,614 | 9,112 | 66.9 | 64.0 | 1.43 | 1.32 | 161 | 157 |
| Kentucky | 577 | 508 | 93.4 | 100.0 | .39 | .39 | 210 | 200 |
| Maryland | 23 | - | - | - | 1.33 | - | 169 | - |
| Ohio | 52 | 28 | - | - | 1.46 | 1.72 | 161 | 155 |
| Pennsylvania | 4,968 | 5,449 | 47.6 | 44.1 | 1.46 | 1.35 | 156 | 149 |
| West Virginia | 3,995 | 3,127 | 88.3 | 93.4 | 1.56 | 1.44 | 160 | 164 |
| North Carolina | 18,134 | 17,080 | 83.8 | 84.1 | .78 | .73 | 178 | 177 |
| Kentucky | 9,020 | 8,532 | 80.0 | 81.3 | .78 | .74 | 183 | 180 |
| Tennessee | - | 166 | - | 100.0 | - | 1.08 | - | 187 |
| Virginia | 4,029 | 3,978 | 87.2 | 92.2 | .85 | .80 | 168 | 171 |
| West Virginia | 5,084 | 4,403 | 79.8 | 81.8 | .65 | .62 | 177 | 174 |
| North Dakota | 18,953 | 19,280 | 100.0 | 98.4 | 1.23 | 1.10 | 68 | 69 |
| North Dakota | 18,953 | 19,280 | 100.0 | 98.4 | 1.23 | 1.10 | 68 | 69 |
| Ohio | 47,377 | 45,316 | 66.2 | 66.9 | 2.06 | 2.08 | 151 | 148 |
| Illinois | 24 | - | - | - | 2.57 | - | 117 | - |
| ..... | 62 | 70 | - | - | 2.90 | 2.57 | 109 | 100 |
| ..... | 8,984 | 8,466 | 47.4 | 55.5 | .99 | 1.09 | 158 | 153 |
| ..... | 23,411 | 22,424 | 69.9 | 70.4 | 2.81 | 2.82 | 153 | 153 |
| ..... | 3,034 | 2,792 | 59.0 | 53.6 | 1.72 | 1.72 | 140 | 134 |
| ..... | - | 33 | - | - | - | 1.05 | - | 184 |
| ..... | 11,862 | 11,532 | 75.5 | 72.3 | 1.49 | 1.48 | 148 | 139 |
| ..... | 13,242 | 13,354 | 89.9 | 90.6 | .53 | .51 | 140 | 137 |
| ..... | 1,114 | 726 | 44.3 | 20.0 | 1.21 | 1.17 | 139 | 142 |
| ..... | 12,128 | 12,629 | 94.1 | 94.7 | .45 | .45 | 140 | 136 |
| ..... | 819 | - | 100.0 | - | .37 | - | 108 | - |
| ..... | - | - | 100.0 | - | .37 | - | 108 | - |
| ..... | - | - | 78.3 | 74.5 | 1.77 | 1.68 | 152 | 144 |
| ..... | - | - | 100.0 | - | 1.08 | - | 181 | - |
| ..... | - | - | 96.6 | 95.1 | 3.35 | 3.24 | 151 | 151 |
| ..... | - | - | 2.0 | 68.7 | 1.50 | 1.44 | 153 | 145 |
| ..... | - | - | 3.6 | 98.7 | 2.37 | 2.10 | 147 | 141 |
| ..... | - | - | 1.7 | 63.3 | .84 | .89 | 172 | 171 |
| ..... | - | - | 1.3 | 61.7 | .93 | .87 | 174 | 173 |

**Table 14. Destination of Coal Received at Electric Utility Plants by Origin,
January-November 1990 (Continued)**

| State of Destination State of Origin and Imports | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|--|-----------------------------------|---------|--------------------------------|-------|---|------|-----------------------------|------|
| | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 |
| South Carolina | | | | | | | | |
| Tennessee | 212 | 107 | - | 0.1 | 1.17 | 1.15 | 164 | 155 |
| Virginia | 917 | 957 | 94.1 | 94.9 | .99 | 1.00 | 162 | 157 |
| West Virginia | 25 | 25 | 79.9 | 18.6 | .79 | 1.00 | 182 | 172 |
| South Dakota | 1,852 | 1,850 | 99.4 | 100.0 | 1.48 | 1.45 | 115 | 124 |
| North Dakota | 1,841 | 1,850 | 100.0 | 100.0 | 1.49 | 1.45 | 115 | 124 |
| Wyoming | 11 | - | - | - | .41 | - | 114 | - |
| Tennessee | 19,765 | 16,874 | 79.0 | 82.2 | 1.67 | 1.67 | 135 | 134 |
| Illinois | 1,864 | 1,362 | 27.2 | 8.9 | 1.81 | 1.68 | 121 | 112 |
| Indiana | 704 | - | - | - | 1.75 | - | 123 | - |
| Kentucky | 14,734 | 12,551 | 87.7 | 91.8 | 1.73 | 1.78 | 139 | 140 |
| Tennessee | 1,326 | 1,758 | 79.2 | 89.2 | 1.12 | 1.12 | 121 | 118 |
| Virginia | 1,128 | 1,185 | 100.0 | 83.7 | 1.38 | 1.44 | 131 | 123 |
| West Virginia | 10 | 18 | 100.0 | 100.0 | .57 | 2.09 | 158 | 139 |
| Texas | 76,760 | 77,295 | 97.0 | 91.1 | 1.01 | .98 | 146 | 146 |
| Colorado | 1,692 | 1,378 | 67.8 | 100.0 | .36 | .35 | 208 | 223 |
| Texas | 44,827 | 43,896 | 99.8 | 93.8 | 1.57 | 1.56 | 108 | 105 |
| Utah | - | 218 | - | 59.8 | - | .45 | - | 171 |
| Wyoming | 30,242 | 31,802 | 94.4 | 87.1 | .44 | .42 | 183 | 183 |
| Utah | 13,003 | 12,385 | 88.1 | 90.9 | .43 | .43 | 116 | 124 |
| Colorado | 1,417 | 1,239 | 100.0 | 100.0 | .46 | .40 | 223 | 240 |
| Utah | 11,586 | 11,146 | 88.7 | 89.9 | .43 | .43 | 104 | 112 |
| Virginia | 7,551 | 9,106 | 67.5 | 51.3 | .78 | .74 | 155 | 154 |
| Kentucky | 2,422 | 3,323 | 62.6 | 41.1 | .82 | .81 | 157 | 158 |
| Virginia | 3,127 | 3,277 | 70.8 | 70.8 | .72 | .71 | 152 | 158 |
| West Virginia | 2,002 | 2,506 | 68.5 | 39.2 | .75 | .69 | 154 | 149 |
| Washington | 4,674 | 5,122 | 92.4 | 88.1 | .87 | .81 | 158 | 158 |
| Montana | - | 55 | - | - | - | .35 | - | 131 |
| Washington | 4,326 | 4,518 | 99.8 | 97.6 | .91 | .87 | 161 | 160 |
| Wyoming | 348 | 549 | - | - | .35 | .41 | 127 | 124 |
| West Virginia | 30,453 | 28,720 | 75.4 | 73.6 | 1.52 | 1.49 | 147 | 142 |
| Kentucky | 728 | 988 | 83.7 | 51.0 | .82 | .80 | 180 | 166 |
| Maryland | 1,046 | 851 | 58.1 | 45.7 | 1.37 | 1.41 | 123 | 116 |
| Ohio | 1,527 | 853 | 56.0 | 39.0 | 3.30 | 3.33 | 96 | 102 |
| Pennsylvania | 532 | 298 | 22.2 | 12.4 | 1.63 | 1.25 | 114 | 120 |
| West Virginia | 26,620 | 25,732 | 78.1 | 77.2 | 1.44 | 1.46 | 151 | 144 |
| Wisconsin | 16,495 | 16,317 | 75.2 | 87.3 | .85 | .89 | 136 | 145 |
| Illinois | 1,085 | 1,373 | 78.3 | 90.5 | 1.75 | 1.74 | 144 | 145 |
| Indiana | 1,793 | 2,012 | 99.0 | 98.9 | 1.76 | 1.71 | 193 | 182 |
| Kentucky | 196 | 378 | 20.1 | 33.2 | .65 | 1.19 | 178 | 159 |
| Montana | 1,800 | 1,946 | 77.2 | 84.7 | .69 | .73 | 157 | 157 |
| New Mexico | 43 | - | - | - | .39 | - | 174 | - |
| Ohio | - | 7 | - | 100.0 | - | 1.13 | - | 163 |
| Pennsylvania | 1,671 | 1,385 | 100.0 | 100.0 | 1.29 | 1.28 | 157 | 153 |
| Virginia | 59 | 45 | - | - | .57 | .58 | 173 | 164 |
| West Virginia | 136 | 112 | - | 48.9 | 1.22 | 1.36 | 165 | 167 |
| Wyoming | 9,711 | 9,057 | 68.7 | 88.4 | .41 | .40 | 110 | 128 |
| Wyoming | 20,942 | 19,671 | 84.5 | 91.0 | .61 | .59 | 83 | 85 |
| Wyoming | 20,942 | 19,671 | 84.5 | 91.0 | .61 | .59 | 83 | 85 |
| U.S. Total | 724,172 | 692,701 | 82.7 | 82.5 | 1.29 | 1.28 | 146 | 145 |

* For quantity data, the number is less than 0.5 thousand short tons. For Contract Receipts (percent), the value is less than 0.05.
Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,
January-November 1990**

| State of Origin and Imports State of Destination | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|---|-----------------------------------|---------|--------------------------------|-------|---|------|-----------------------------|------|
| | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 |
| Alabama | 15,278 | 13,711 | 91.2 | 91.1 | 1.11 | 1.12 | 204 | 201 |
| Alabama | 15,044 | 13,501 | 92.5 | 92.6 | 1.10 | 1.11 | 205 | 202 |
| Florida | - | 13 | - | - | - | 2.55 | - | 114 |
| Georgia | 234 | 198 | 10.0 | - | 1.67 | 1.64 | 155 | 152 |
| Arizona | 10,391 | 10,926 | 100.0 | 100.0 | .46 | .45 | 108 | 105 |
| Arizona | 6,678 | 7,076 | 100.0 | 100.0 | .44 | .44 | 100 | 97 |
| Nevada | 3,712 | 3,851 | 100.0 | 100.0 | .49 | .47 | 123 | 121 |
| Colorado | 14,129 | 12,801 | 80.4 | 86.6 | .39 | .38 | 144 | 142 |
| Arizona | 910 | 578 | 100.0 | 100.0 | .33 | .34 | 174 | 172 |
| Colorado | 9,149 | 9,236 | 76.0 | 83.0 | .39 | .38 | 107 | 109 |
| Illinois | 11 | 39 | - | - | .40 | .41 | 156 | 180 |
| Indiana | 528 | 189 | 98.1 | 74.8 | .38 | .39 | 300 | 302 |
| Kansas | 178 | - | 94.2 | - | .33 | - | 118 | - |
| Missouri | 244 | 62 | 100.0 | 14.5 | .40 | .33 | 160 | 187 |
| Nebraska | - | 80 | - | 100.0 | - | .45 | - | 182 |
| Texas | 1,692 | 1,378 | 67.8 | 100.0 | .36 | .35 | 206 | 223 |
| Utah | 1,417 | 1,239 | 100.0 | 100.0 | .46 | .40 | 223 | 240 |
| Illinois | 50,009 | 50,049 | 84.3 | 87.3 | 2.42 | 2.35 | 157 | 157 |
| Alabama | 418 | 795 | - | 3.2 | 2.03 | 1.98 | 112 | 110 |
| Florida | 3,879 | 3,779 | 98.1 | 99.3 | 2.41 | 2.38 | 209 | 198 |
| Georgia | 4,512 | 4,775 | 95.8 | 99.4 | 2.53 | 2.29 | 179 | 184 |
| Illinois | 14,283 | 13,462 | 90.1 | 95.7 | 2.72 | 2.69 | 146 | 151 |
| Indiana | 8,991 | 8,248 | 85.9 | 87.4 | 2.43 | 2.39 | 157 | 160 |
| Iowa | 1,158 | 1,722 | 91.6 | 62.0 | 2.48 | 2.54 | 168 | 144 |
| Kansas | 1,213 | 559 | 18.6 | 29.5 | 2.51 | 2.63 | 148 | 146 |
| Kentucky | 91 | 9 | 88.6 | - | 1.59 | 1.72 | 135 | 116 |
| Minnesota | 47 | 52 | 100.0 | 100.0 | 1.32 | 1.35 | 179 | 195 |
| Mississippi | 1,051 | 1,029 | 89.7 | 84.9 | 2.03 | 1.99 | 151 | 147 |
| Missouri | 11,393 | 12,883 | 85.2 | 89.7 | 2.23 | 2.15 | 151 | 151 |
| Ohio | 24 | - | - | - | 2.57 | - | 117 | - |
| Tennessee | 1,864 | 1,362 | 27.2 | 8.9 | 1.81 | 1.68 | 121 | 112 |
| Wisconsin | 1,085 | 1,373 | 78.3 | 90.5 | 1.75 | 1.74 | 144 | 146 |
| Indiana | 28,748 | 24,933 | 74.4 | 74.1 | 2.30 | 2.30 | 128 | 126 |
| Alabama | 459 | 330 | - | - | 2.05 | 2.93 | 117 | 108 |
| Florida | 410 | 496 | - | 15.5 | 2.85 | 2.99 | 108 | 129 |
| Illinois | 1,785 | 1,832 | 73.8 | 68.1 | 1.57 | 1.37 | 126 | 126 |
| Indiana | 19,772 | 17,286 | 80.0 | 80.3 | 2.41 | 2.46 | 125 | 122 |
| Iowa | 1,042 | 708 | 70.4 | 43.1 | 2.24 | 2.16 | 135 | 131 |
| Kentucky | 2,365 | 1,927 | 64.2 | 47.2 | 2.40 | 2.22 | 111 | 104 |
| Michigan | 148 | 149 | 59.3 | 58.6 | 2.47 | 2.31 | 159 | 155 |
| Minnesota | 69 | 68 | 12.5 | - | 1.79 | 1.64 | 156 | 138 |
| Mississippi | 23 | - | - | - | 4.17 | - | 126 | - |
| Missouri | 115 | 55 | 100.0 | 49.1 | 2.90 | 1.09 | 122 | 123 |
| Ohio | 62 | 70 | - | - | 2.90 | 2.57 | 109 | 100 |
| Tennessee | 704 | - | - | - | 1.75 | - | 123 | - |
| Wisconsin | 1,793 | 2,012 | 99.0 | 96.9 | 1.76 | 1.71 | 193 | 182 |
| Iowa | 60 | 43 | 100.0 | 100.0 | 3.32 | 3.60 | 163 | 152 |
| Iowa | 60 | 43 | 100.0 | 100.0 | 3.32 | 3.60 | 163 | 152 |
| Kansas | 617 | 733 | 4.9 | 55.2 | 2.59 | 3.71 | 123 | 131 |
| Kansas | 237 | 636 | - | 59.0 | 2.42 | 3.88 | 121 | 130 |
| Missouri | 380 | 97 | 7.9 | 30.3 | 2.70 | 2.78 | 124 | 133 |
| Kentucky | 119,247 | 111,291 | 73.9 | 70.5 | 1.49 | 1.47 | 154 | 154 |
| Alabama | 3,091 | 1,967 | 40.7 | 39.6 | 1.84 | 2.34 | 135 | 124 |
| Connecticut | 878 | 790 | 91.2 | 92.5 | .41 | .40 | 213 | 215 |
| Delaware | 117 | 24 | 14.2 | 75.0 | .52 | .61 | 194 | 177 |
| Florida | 14,218 | 13,810 | 77.8 | 89.4 | 1.29 | 1.28 | 178 | 172 |
| Georgia | 13,459 | 13,125 | 72.2 | 67.9 | 1.29 | 1.28 | 169 | 166 |
| Illinois | 2,020 | 1,444 | 43.2 | 67.2 | .82 | .64 | 156 | 163 |
| Indiana | 4,254 | 3,831 | 91.1 | 79.5 | 2.44 | 2.42 | 130 | 128 |
| ..... | 29 | 75 | - | - | 2.75 | 2.35 | 133 | 127 |
| ..... | 26,296 | 23,487 | 78.2 | 68.1 | 2.44 | 2.58 | 118 | 114 |
| ..... | 397 | 666 | 79.3 | 85.0 | .56 | .59 | 160 | 166 |
| ..... | 49 | 23 | - | - | .75 | .69 | 180 | 138 |
| ..... | 8,668 | 6,773 | 71.5 | 84.8 | .74 | .65 | 177 | 194 |
| ..... | 8 | 1 | 58.8 | - | .91 | .59 | 189 | 198 |
| ..... | 2,583 | 2,173 | 70.8 | 79.5 | 1.00 | .86 | 171 | 177 |
| ..... | 1,003 | 231 | 97.7 | 97.4 | 2.57 | 2.75 | 123 | 125 |
| ..... | 17 | - | - | - | .68 | - | 201 | - |
| ..... | 31 | 56 | - | - | .62 | .58 | 190 | 179 |

1 of table.

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,
January-November 1990 (Continued)**

| State of Origin and Imports State of Destination | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|---|-----------------------------------|--------|--------------------------------|-------|---|------|-----------------------------|------|
| | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 |
| Kentucky | | | | | | | | |
| New York | 577 | 508 | 93.4 | 100.0 | 0.39 | 0.39 | 210 | 200 |
| North Carolina | 9,020 | 8,532 | 80.0 | 81.3 | .78 | .74 | 183 | 180 |
| Ohio | 8,984 | 8,466 | 47.4 | 55.5 | .99 | 1.09 | 156 | 153 |
| Pennsylvania | 10 | - | 100.0 | - | 1.06 | - | 181 | - |
| South Carolina | 7,473 | 8,068 | 73.3 | 61.7 | .93 | .87 | 174 | 173 |
| Tennessee | 14,734 | 12,551 | 87.7 | 91.8 | 1.73 | 1.78 | 139 | 140 |
| Virginia | 2,422 | 3,323 | 62.6 | 41.1 | .82 | .81 | 157 | 156 |
| West Virginia | 728 | 988 | 83.7 | 51.0 | .82 | .80 | 180 | 166 |
| Wisconsin | 196 | 378 | 20.1 | 33.2 | .65 | 1.19 | 178 | 158 |
| Louisiana | 2,982 | 2,770 | 100.0 | 91.0 | .80 | .79 | 133 | 127 |
| Louisiana | 2,982 | 2,770 | 100.0 | 91.0 | .80 | .79 | 133 | 127 |
| Maryland | 2,601 | 2,156 | 49.8 | 51.1 | 1.28 | 1.31 | 153 | 146 |
| Delaware | 21 | 7 | 100.0 | 100.0 | 1.11 | 1.16 | 141 | 139 |
| Maryland | 1,501 | 1,297 | 45.5 | 54.4 | 1.24 | 1.25 | 171 | 165 |
| Massachusetts | 40 | - | - | - | .75 | - | 185 | - |
| New York | 23 | - | - | - | 1.33 | - | 189 | - |
| West Virginia | 1,040 | 851 | 58.1 | 45.7 | 1.37 | 1.41 | 123 | 116 |
| Missouri | 2,217 | 2,889 | 97.5 | 98.9 | 3.95 | 4.28 | 164 | 130 |
| Missouri | 2,217 | 2,889 | 97.5 | 98.9 | 3.95 | 4.28 | 164 | 130 |
| Montana | 32,711 | 33,168 | 94.1 | 94.4 | .58 | .60 | 138 | 134 |
| Georgia | - | 54 | - | - | - | .34 | - | 181 |
| Illinois | 2,587 | 2,830 | 100.0 | 99.5 | .39 | .38 | 289 | 283 |
| Indiana | 574 | 260 | 58.7 | 61.8 | .39 | .35 | 232 | 235 |
| Michigan | 10,655 | 10,718 | 90.3 | 94.5 | .37 | .38 | 149 | 153 |
| Minnesota | 8,560 | 8,221 | 89.6 | 90.9 | .77 | .79 | 133 | 127 |
| Montana | 8,555 | 9,257 | 100.0 | 100.0 | .74 | .78 | 86 | 58 |
| Nebraska | - | - | - | - | - | .36 | - | 23 |
| Washington | - | 55 | - | - | - | .35 | - | 131 |
| Wisconsin | 1,800 | 1,046 | 77.2 | 84.7 | .69 | .73 | 157 | 157 |
| New Mexico | 20,964 | 20,331 | 99.1 | 99.7 | .74 | .74 | 151 | 144 |
| Arizona | 6,751 | 6,399 | 99.7 | 100.0 | .52 | .50 | 187 | 182 |
| Colorado | - | 32 | - | - | - | .42 | - | 130 |
| Illinois | 222 | 20 | 50.0 | - | .45 | .46 | 166 | 182 |
| Missouri | 18 | - | - | - | .34 | - | 135 | - |
| New Mexico | 13,030 | 13,881 | 100.0 | 100.0 | .87 | .87 | 132 | 124 |
| Wisconsin | 43 | - | - | - | .39 | - | 174 | - |
| North Dakota | 20,795 | 21,130 | 100.0 | 98.5 | 1.25 | 1.13 | 72 | 74 |
| Minnesota | 1 | - | 100.0 | - | .87 | - | 174 | - |
| North Dakota | 18,953 | 10,280 | 100.0 | 98.4 | 1.23 | 1.10 | 68 | 89 |
| South Dakota | 1,841 | 1,650 | 100.0 | 100.0 | 1.49 | 1.45 | 115 | 124 |
| Ohio | 27,851 | 26,028 | 70.7 | 73.5 | 2.85 | 2.80 | 149 | 156 |
| Alabama | 544 | 2,287 | 95.4 | 100.0 | 2.00 | 1.99 | 117 | 209 |
| Georgia | 40 | - | - | - | 2.28 | - | 142 | - |
| Indiana | 49 | 10 | - | - | 2.27 | 1.93 | 126 | 129 |
| Kentucky | 244 | 118 | 53.3 | 54.3 | 2.41 | 2.21 | 145 | 131 |
| Maryland | 7 | - | - | - | 1.78 | - | 166 | - |
| Michigan | 178 | 217 | 80.3 | 87.0 | 2.77 | 2.48 | 190 | 179 |
| Missouri | 24 | - | - | - | 2.10 | - | 171 | - |
| New Hampshire | - | 16 | - | - | - | 2.39 | - | 183 |
| New Jersey | 14 | - | - | - | 1.66 | - | 203 | - |
| New York | 52 | 20 | - | - | 1.46 | 1.72 | 161 | 155 |
| Ohio | 23,411 | 22,424 | 69.8 | 70.4 | 2.81 | 2.82 | 153 | 153 |
| Pennsylvania | 1,755 | 2,067 | 98.8 | 95.1 | 3.35 | 3.24 | 151 | 151 |
| West Virginia | 1,527 | 853 | 56.0 | 39.0 | 3.30 | 3.33 | 98 | 102 |
| Wisconsin | - | 7 | - | 100.0 | - | 1.13 | - | 163 |
| Oklahoma | 1,150 | 1,917 | 46.1 | 32.4 | 1.29 | 1.76 | 139 | 141 |
| Missouri | 30 | 291 | 100.0 | 63.1 | 3.64 | 3.28 | 138 | 138 |
| Oklahoma | 1,114 | 720 | 44.3 | 20.0 | 1.21 | 1.17 | 139 | 142 |
| Pennsylvania | 48,858 | 43,779 | 88.9 | 85.8 | 1.47 | 1.41 | 154 | 148 |
| Delaware | 344 | 435 | 34.9 | 75.5 | 1.04 | 1.17 | 163 | 164 |
| Kentucky | 12 | 18 | 12.4 | 49.4 | 2.05 | 1.98 | 113 | 127 |
| Maryland | 2,372 | 2,227 | 90.8 | 95.6 | 1.48 | 1.51 | 179 | 170 |
| Massachusetts | 844 | 839 | 27.2 | 17.3 | 1.08 | 1.06 | 174 | 164 |
| Michigan | 1,790 | 1,617 | 71.1 | 71.6 | 1.13 | .99 | 158 | 172 |
| Minnesota | 3 | - | 100.0 | - | 1.02 | - | 176 | - |
| New Hampshire | 188 | 195 | 100.0 | 20.3 | 1.03 | 1.00 | 178 | 174 |
| New Jersey | 26 | 34 | - | - | .95 | 1.09 | 189 | 181 |
| New York | 4,988 | 5,449 | 47.8 | 44.1 | 1.46 | 1.35 | 166 | 149 |

See footnotes at end of table.

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,
January-November 1990 (Continued)**

| State of Origin and Imports State of Destination | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|---|-----------------------------------|--------|--------------------------------|-------|---|------|-----------------------------|------|
| | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 |
| Pennsylvania | | | | | | | | |
| Ohio | 3,034 | 2,792 | 59.0 | 53.6 | 1.72 | 1.72 | 140 | 134 |
| Pennsylvania | 31,064 | 28,491 | 72.0 | 68.7 | 1.50 | 1.44 | 153 | 145 |
| West Virginia | 532 | 296 | 22.2 | 12.4 | 1.63 | 1.25 | 114 | 120 |
| Wisconsin | 1,671 | 1,385 | 100.0 | 100.0 | 1.29 | 1.28 | 157 | 153 |
| Tennessee | 4,303 | 4,300 | 57.7 | 59.6 | 1.14 | 1.07 | 145 | 141 |
| Alabama | 739 | 685 | 11.6 | 26.9 | .66 | .62 | 125 | 126 |
| Florida | 115 | 78 | 100.0 | 100.0 | .86 | .79 | 215 | 215 |
| Georgia | 1,219 | 1,008 | 50.8 | 77.6 | 1.11 | .81 | 182 | 199 |
| Illinois | 125 | - | 100.0 | - | .57 | - | 169 | - |
| Kentucky | 567 | 499 | 85.8 | 27.1 | 2.08 | 2.08 | 120 | 105 |
| North Carolina | - | 166 | - | 100.0 | - | 1.08 | - | 187 |
| South Carolina | 212 | 107 | - | .1 | 1.17 | 1.15 | 164 | 155 |
| Tennessee | 1,326 | 1,758 | 79.2 | 69.2 | 1.12 | 1.12 | 121 | 116 |
| Texas | 44,827 | 43,896 | 99.8 | 93.9 | 1.57 | 1.56 | 108 | 105 |
| Texas | 44,827 | 43,896 | 99.8 | 93.9 | 1.57 | 1.56 | 108 | 105 |
| Utah | 14,116 | 13,538 | 89.0 | 90.7 | .44 | .44 | 118 | 126 |
| Missouri | - | 48 | - | - | - | .40 | - | 183 |
| Nevada | 2,530 | 2,126 | 99.7 | 100.0 | .47 | .46 | 181 | 190 |
| Texas | - | 218 | - | 59.9 | - | .45 | - | 171 |
| Utah | 11,586 | 11,146 | 86.7 | 89.9 | .43 | .43 | 104 | 112 |
| Virginia | 15,933 | 16,534 | 85.2 | 82.6 | .88 | .89 | 169 | 166 |
| Delaware | 227 | 61 | 51.7 | 100.0 | .71 | .65 | 195 | 200 |
| Florida | 902 | 763 | 80.0 | 97.8 | .58 | .58 | 236 | 232 |
| Georgia | 3,085 | 3,046 | 74.2 | 69.7 | 1.06 | 1.10 | 174 | 171 |
| Illinois | - | 6 | - | - | - | .59 | - | 185 |
| Indiana | 56 | - | - | - | .58 | - | 164 | - |
| Kentucky | 60 | - | 100.0 | - | .58 | - | 158 | - |
| Maryland | 21 | - | - | - | .47 | - | 179 | - |
| Massachusetts | 1,299 | 1,562 | 89.9 | 100.0 | .93 | .91 | 175 | 162 |
| Michigan | 113 | 527 | 100.0 | 100.0 | 1.09 | .92 | 186 | 176 |
| New Hampshire | - | 35 | - | - | - | .92 | - | 219 |
| New Jersey | 911 | 1,058 | 97.8 | 79.9 | .58 | .61 | 178 | 173 |
| North Carolina | 4,029 | 3,978 | 97.2 | 92.2 | .85 | .80 | 169 | 171 |
| Ohio | - | 33 | - | - | - | 1.05 | - | 184 |
| South Carolina | 917 | 957 | 94.1 | 84.9 | .99 | 1.00 | 162 | 157 |
| Tennessee | 1,128 | 1,185 | 100.0 | 83.7 | 1.38 | 1.44 | 131 | 123 |
| Virginia | 3,127 | 3,277 | 70.8 | 70.8 | .72 | .71 | 152 | 156 |
| Wisconsin | 59 | 45 | - | - | .57 | .56 | 173 | 164 |
| Washington | 4,326 | 4,518 | 99.8 | 97.6 | .91 | .87 | 161 | 160 |
| Washington | 4,326 | 4,518 | 99.8 | 97.6 | .91 | .87 | 161 | 160 |
| West Virginia | 81,176 | 76,996 | 78.9 | 75.6 | 1.31 | 1.28 | 158 | 153 |
| Alabama | 36 | 93 | 17.7 | 39.2 | .66 | .64 | 142 | 156 |
| Connecticut | - | 26 | - | - | - | .40 | - | 185 |
| Delaware | 1,322 | 1,242 | 95.6 | 93.4 | .68 | .69 | 184 | 183 |
| Florida | 1,985 | 1,826 | 87.3 | 90.0 | .89 | .94 | 184 | 182 |
| Georgia | 1,345 | 1,262 | 100.0 | 100.0 | .56 | .53 | 247 | 243 |
| Illinois | 211 | 260 | 25.5 | 54.6 | .52 | .52 | 156 | 169 |
| Indiana | 370 | 258 | 57.5 | 51.6 | .55 | .77 | 198 | 186 |
| Kentucky | 2,807 | 2,213 | 41.5 | 45.1 | .62 | .66 | 129 | 117 |
| Louisiana | 200 | 161 | 100.0 | 100.0 | .51 | .50 | 206 | 202 |
| Maryland | 4,850 | 3,438 | 68.7 | 57.0 | .98 | .97 | 156 | 150 |
| Massachusetts | 1,348 | 1,523 | 85.9 | 87.4 | .96 | .93 | 168 | 155 |
| Michigan | 5,710 | 5,846 | 74.9 | 72.9 | .67 | .59 | 170 | 180 |
| Minnesota | 2 | - | 100.0 | - | .95 | - | 169 | - |
| Mississippi | - | 27 | - | - | - | 1.30 | - | 143 |
| New Hampshire | 799 | 737 | 81.2 | 11.4 | 1.67 | 1.66 | 176 | 169 |
| New Jersey | 1,644 | 1,889 | 86.6 | 79.8 | 1.03 | 1.05 | 181 | 177 |
| New York | 3,895 | 3,127 | 88.3 | 93.4 | 1.56 | 1.44 | 160 | 164 |
| North Carolina | 5,084 | 4,403 | 79.8 | 81.8 | .65 | .62 | 177 | 174 |
| Ohio | 14,000 | 14,500 | 75.5 | 72.3 | 1.49 | 1.48 | 148 | 139 |
| | | | 96.6 | 88.7 | 2.37 | 2.10 | 147 | 141 |
| | | | 79.9 | 16.6 | .79 | 1.00 | 182 | 172 |
| | | | 100.0 | 100.0 | .57 | 2.09 | 158 | 139 |
| | | | 68.5 | 39.2 | .75 | .69 | 154 | 149 |
| | | | 78.1 | 77.2 | 1.44 | 1.46 | 151 | 144 |
| | | | - | 48.9 | 1.22 | 1.36 | 165 | 167 |
| | | | 85.0 | 88.2 | .44 | .44 | 133 | 137 |
| | 210 | - | - | - | .44 | - | 170 | - |

See footnotes at end of table.

**Table 15. Origin of Coal Received at Electric Utility Plants by Destination,
January-November 1990 (Continued)**

| State of Origin and Imports State of Destination | Receipts (thousand short tons) | | Contract Receipts (percent) | | Sulfur Content (lbs. sulfur per MM Btu) | | Price (cents per MM Btu) | |
|---|-----------------------------------|----------------|--------------------------------|-------------|---|-------------|-----------------------------|------------|
| | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 |
| Wyoming | | | | | | | | |
| Arkansas | 9,984 | 10,594 | 100.0 | 100.0 | 0.39 | 0.39 | 162 | 163 |
| Colorado | 4,909 | 5,083 | 100.0 | 95.9 | .39 | .37 | 105 | 100 |
| Georgia | 1,850 | 108 | 3.2 | - | .36 | .39 | 142 | 146 |
| Illinois | 3,093 | 3,299 | 92.1 | 98.7 | .44 | .48 | 289 | 292 |
| Indiana | 10,948 | 8,759 | 83.5 | 69.6 | .39 | .44 | 128 | 142 |
| Iowa | 12,335 | 10,898 | 65.5 | 78.5 | .43 | .42 | 104 | 117 |
| Kansas | 12,847 | 12,488 | 91.7 | 82.9 | .41 | .41 | 122 | 122 |
| Kentucky | 213 | 22 | 65.2 | - | .40 | .37 | 123 | 124 |
| Louisiana | 7,395 | 7,884 | 100.0 | 100.0 | .54 | .52 | 180 | 171 |
| Michigan | 2,142 | 1,123 | 30.2 | - | .34 | .35 | 110 | 118 |
| Minnesota | 6,525 | 8,481 | 99.3 | 99.7 | .31 | .31 | 117 | 112 |
| Missouri | 6,987 | 6,555 | 65.8 | 76.3 | .43 | .43 | 87 | 96 |
| Nebraska | 7,393 | 6,840 | 76.1 | 81.8 | .41 | .42 | 76 | 82 |
| Nevada | 544 | 454 | 100.0 | 100.0 | .45 | .48 | 203 | 199 |
| Oklahoma | 12,128 | 12,629 | 94.1 | 94.7 | .45 | .45 | 140 | 136 |
| Oregon | 819 | - | 100.0 | - | .37 | - | 108 | - |
| South Dakota | 11 | - | - | - | .41 | - | 114 | - |
| Texas | 30,242 | 31,802 | 94.4 | 87.1 | .44 | .42 | 183 | 183 |
| Washington | 348 | 549 | - | - | .35 | .41 | 127 | 124 |
| Wisconsin | 9,711 | 9,057 | 68.7 | 88.4 | .41 | .40 | 110 | 128 |
| Wyoming | 20,942 | 19,671 | 84.5 | 91.0 | .61 | .59 | 83 | 85 |
| Imported Coal | 1,210 | 1,069 | 60.8 | 60.4 | .60 | .55 | 175 | 178 |
| Canada | 34 | - | - | - | .97 | - | 181 | - |
| New Hampshire | 34 | - | - | - | .97 | - | 181 | - |
| Colombia | 985 | 1,003 | 66.4 | 64.3 | .61 | .57 | 173 | 179 |
| Florida | 880 | 685 | 74.3 | 94.1 | .61 | .61 | 171 | 173 |
| Georgia | - | 23 | - | - | - | .54 | - | 173 |
| Maryland | - | 247 | - | - | - | .47 | - | 195 |
| Massachusetts | 105 | 35 | - | - | .56 | .48 | 190 | 196 |
| New Jersey | - | 12 | - | - | - | .43 | - | 176 |
| Venezuela | 191 | 68 | 42.5 | - | .47 | .37 | 183 | 161 |
| Florida | 40 | 37 | - | - | .63 | .36 | 171 | 141 |
| Massachusetts | 70 | - | - | - | .48 | - | 181 | - |
| New Hampshire | 81 | - | 100.0 | - | .39 | - | 189 | - |
| New Jersey | - | 29 | - | - | - | .39 | - | 188 |
| U.S. Total | 724,172 | 692,701 | 82.7 | 82.5 | 1.29 | 1.28 | 146 | 145 |

* For quantity data, the number is less than 0.5 thousand short tons. For Contract Receipts (percent), the value is less than 0.05.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

EIA Coal Data and Coal Models on Tape and Electronic Access

Coal Data Tapes

The **Coal Distribution** data tapes contain annual data on coal shipments by origin, destination, consumer sector and mode of transportation as well as on coal production and producer/distributor stocks, beginning with 1980. Additional information is available from Steve Scott, (202) 254-5467.

The **Coal Production** data tapes contain annual data on production, average mine price, reserves, employment and productivity, beginning with 1979. Additional information is available from John G. Colligan, (202) 254-5465.

The **Quarterly Coal Report** data tape contains quarterly data on production, exports, imports, consumption, receipts, delivered prices and stocks, beginning with 1980. Additional information is available from Paulette Young, (202) 254-5481.

Coal Data By Electronic Access

Public access to coal data is available electronically by dialing (202) 586-8658. Communications are asynchronous at 300 or 1200 baud line speeds and require a standard ASCII-type terminal. (This service is free of charge).

Weekly Coal Production: This file contains current weekly coal production data. Additional information is available from Mary K. Paull, (202) 254-5379.

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Coal Model Tapes

The **Coal Supply and Transportation Model (CSTM)** is used to forecast coal production levels and coal transportation flows. The CSTM has been used to develop projections which appear in *Outlook for U.S. Coal Imports* and the *Annual Outlook for U.S. Coal* and served as the basis for an EIA report on rail deregulation and an EIA report on coal slurry pipelines.

CSTM projections will appear in the *Annual Energy Outlook 1991*, and were used in support of the National Coal Model (NCM) to provide analysis of the Clean Air Act Amendments of 1990. It also provides forecasts for several other EIA coal and multi-fuel reports. Additional information is available from Rich Newcombe, (202) 254-5370.

The **International Coal Trade Model (ICTM)** projects coal trade flows and represents all the major coal-exporting and coal-importing countries, as well as those with the potential to become major coal exporters. The ICTM is used to develop coal trade forecasts presented each year in *Annual Prospects for World Coal Trade*. In addition, ICTM projections served as the foundation for two recent service reports, *The Impact of Eliminating Coal Subsidies in Western Europe* and *Lower U.S. Mining Costs: Impact on World Coal Trade Projections*. Additional information is available from Fred Mayes, (202) 254-5409.

The **National Coal Model (NCM)** provides detailed projections of coal supply, transportation, and electric utility consumption. The NCM is primarily used to assess the consequences of proposed clean air legislation on the coal and electric utility industries, as in its use during 1990 to analyze impacts of the Clean Air Act Amendments of 1990. Additional information is available from Rich Newcombe, (202) 254-5370.

The **Resource Allocation and Mine Costing Model (RAMC)** uses estimates of coal reserves and cost estimates for new mine development to construct long-term supply curves relating coal prices and production for specific types of coal, supply regions, and mining methods. These supply curves are used in the CSTM, ICTM, and NCM. Additional information is available from B.D. Hong, (202) 254-5365.

The **Short-term Coal Analysis System (SCOAL)** is a series of equations used to project quarterly coal production trends by State. SCOAL projections appear in the *Short-term Energy Outlook*, EIA's quarterly summary of energy demand and supply projections and the *Quarterly Coal Report*. Additional information is available from Fred Freme, (202) 254-5367.

The **PC-Coal Model** projects production, coal mine-mouth prices, and delivered coal prices for seven supply regions. This simplified model is available on diskette. Additional information is available from B.D. Hong, (202) 254-5365.

NOTE: To order coal model tapes or data tapes, or to learn more about them, contact the National Energy Information Center at (202) 586-8800.

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